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Informatics, Inc, Rockville, Md.

Prepared for

Environmental Protection Agency, Washington, D.C.

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ENVIRONMENTAL PROTECTION AGENCY
1981 — 1990 ADP REQUIREMENTS STUDY

Consolidated Systems Study
Volume III
Appendices

Prepared For:

Environmental Protection Agency
Management Information and Data Systems Division
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Consolidated Systems Study: Volume I - Executive Management Summary; Volume II - Detailed Report; Volume III - Appendices including microfiche details (3) fiche.
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ENVIRONMENTAL PROTECTION AGENCY
1981-1990 ADP REQUIREMENTS STUDY
CONSOLIDATED SYSTEMS STUDY

VOLUME III

Appendices

Final Report

Technical Report
TR-77-1942-7

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SECTION 1

INTRODUCTION

The purpose of the Consolidated Systems Study is to identify and present the current systems and Automated Data Processing (ADP) activity being performed at the Environmental Protection Agency (EPA); the new systems and/or ADP activity planned in the near future; and to project future workload requirements. The entire report represents the results of an intensive data gathering effort on the part of the contractor at all levels within EPA, including headquarters, regional offices and laboratories; the analysis of these data; expansion of these data with information from the supporting computer centers; and the projection of these data based on information provided by the ADP activity manager and EPA management.

Volumes I and II of this report presented the results of the Consolidated Systems Study in terms of data and discussions of current and projected workload growth for each EPA organization. Workload is presented in terms of a single component for each computing center, namely "resource hours" at the WCC and "SUP hours" at NCC.

The purpose of this volume is to provide the detailed information from which the first two volumes were generated. The presentation of the specific information in each section of this report is as follows:

- Section 2. - A comprehensive presentation of the study methodology and the projection methodology with a sample application of the projection methodology

- Section 3. A detailed presentation of all components of the current baseline workload

- Section 4. The planning factors generated as a result of the management interviews and complete long term projections by organization

- Section 5. A list of published material used to supplement the data collected

SECTION 2

PROJECTION METHODOLOGY

The Environmental Protection Agency (EPA) was formed in December 1970, under the President's Reorganization Plan Number 3. Essentially, EPA was established to provide a focal point at the national level for monitoring and improving the nation's environment.

The agency was created through the transfer of a number of organizations which previously had been part of other government agencies. This was not the acquisition of a number of units into an established organization but the merger of units which were to become the organization. Therefore, there was no pre-existing management structure or staff. As a result of this situation, most of the systems work had been done by staffs at higher levels of the agencies involved and these staffs remained with their organizations. In addition, EPA inherited a number of duplicative systems, developed for specific use by particular agencies. Moreover, many of the systems were not well suited to EPA's size and mission. In the transfer, EPA was provided with no hardware or operators in the Washington metropolitan area, the only equipment provided was an IBM 360-50 located at Research Triangle Park (RTP), North Carolina.

To provide the required local hardware support, EPA initially contracted with Boeing and then with Optimum Systems, Inc., (OSI) and obtained an IBM support facility. In addition, EPA used some computer facilities of other federal agencies such as the Department of Interior and the U.S. Geological Survey. It also upgraded the IBM 360-50 at RTP to a UNIVAC 1110. During this transition, many of the computer programs were completely revised and upgraded to meet the requirements of the user organization.

EPA headquarters and field operations were provided with a limited number of staff members to operate and manage the entire ADP activity for EPA. Due to this low staffing, EPA has become dependent on contractor support for ADP services, including activities such as feasibility studies, system design, computer programming, conversion, and facility management.

In 1976, EPA initiated a limited competitive procurement to provide IBM 370/168 resources for the interim (four year) period from 1977 to 1981. In addition, the UNIVAC facility has been twice upgraded to meet the growing demand for services. COMNET was awarded the IBM support contract which will expire at the end of 1981. In order to get approval of this limited competition interim upgrade, EPA had to give assurances of a fully competitive procurement for total EPA ADP services in the 1981 time period. Thus, the reason for the performance of this study at this time.

EPA has implemented distributed processing resources in some EPA regions and laboratories. These are currently in the process of becoming operational. It is anticipated that additional distributed processing will take place prior to 1981. Thus, consideration must be given to this in determining the long term ADP requirements.

2.1 Background of ADP Requirements Study

The purpose and objectives of the EPA ADP Requirements Study are to provide for the development of a comprehensive plan for providing the most cost-effective computing center/telecommunications resources to meet EPA's computing requirements for the period 1981 through 1990.

The methodology for developing this comprehensive plan is as follows:

- Review existing EPA systems
- Develop a projection methodology to extend requirements to the 1981 through 1990 time period
- Perform a detailed workload analysis of major existing systems
- Identify current telecommunication workloads
- Identify potential conversion workload
- Develop alternative concepts for delivery of ADP resources (to obtain estimated cost for meeting requirements)

Each of these steps has a number of detailed tasks which must be performed to accomplish its final objective. Therefore, each will be addressed separately with a detailed discussion of the methodology used to perform the step. This document is a presentation of the current and projected ADP workload for the period 1977 through 1990. It will be used as supporting data for future design studies.

2.1.1 Review of Existing EPA ADP Activities

EPA provided to the contractor a number of documents which represented studies previously done for EPA concerning the systems currently being utilized by many of the EPA organizational entities. In addition, EPA provided the contractor with a complete set of all General Services Administration (GSA) and Office of Management and Budget (OMB) directives regarding systems acquisition.

Informatics reviewed these documents and developed a comprehensive list of the requirements which needed to be addressed in the final Request for Proposal (RFP). In addition, existing documentation was reviewed to determine which of these requirements could be met with data which already existed. The conclusion was that the GSA and OMB regulations called for detailed workload data associated with each significant ADP activity, and that these detailed data were unavailable. Therefore, Informatics developed a set of forms which incorporate the specific needs of these regulations to collect the detailed workload data on a system-by-system basis.

Discussions were held with system managers to determine their ability to project future system requirements, and it was learned that long-term requirements were dependent on other factors over which they had no control. These factors included potential future changes in the areas of total EPA budget; priorities of programs and missions; new legislation; and changes in management philosophy towards the use of ADP. It was determined that this information could only be obtained through discussions with the EPA management. Therefore, Informatics developed a survey form and scheduled meetings with all available members

of the EPA management. Included in the scheduled interview process were the following levels of management.

- o EPA Administrator
- o EPA Deputy Administrator
- o Assistant Administrators (new and old)
- o Deputy Assistant Administrators
- o Office Directors
- o Program Managers
- o Regional Administrators
- o OMB Budget Examiners
- o Members of the EPA Congressional Committees

Some of these organizational entities were not available for interview during the scheduled interview time period. In these cases, efforts were made to fill gaps by reviewing documentation such as position papers representing management perspectives.

The data collected from these interviews were to be structured, analyzed, and quantified to determine the long-term effect on EPA ADP activity. However, since the span of time to be considered was 13 years, and with some of the problems, such as energy, alternative futures required consideration. Therefore, the management survey forms identified the potential impact on EPA's future which might result if negative national situations took place, or if the need for environment concerns became greater. These data would be used in developing multiple scenarios for the future.

In Phase II of this study, Informatics used these approved survey forms and conducted interviews with all available managers and selected ADP activity managers. The ADP Activity to be documented by Informatics represented over 80 percent of the total dollars requested for agency sponsored timesharing, as shown in the Zero Base Budget (ZBB).

2.1.2 Projection Methodology

The overall projection methodology used in developing long-term EPA requirements is presented in Figure 2-1. In summary, data obtained through the management interviews were documented and quantified for the periods 1981, 1985 and 1990. These yearly values were used in a model to extend the detailed workload gathered as a result of the individual ADP activity surveys for the selected system. Detailed workload data obtained from the computer centers (OSI and the National Computer Center) were used to verify and complete the ADP activity surveys. Projections for the 1979 workload were based on data collected from the ADP activity managers and compared to managers input regarding the ADP activity in their organization. Quantitative values were developed for input and output; processing; storage; and dollars (billing). Prior to inclusion into the model, each ADP activity was reviewed in terms of potential improvements in ADP utilization and performance. The adjusted values were then used in future estimates.

2.2 Long-Term Projection Model

The projection model is a structured method of applying that information collected during the management surveys to project

LONG TERM PROJECTION METHODOLOGY

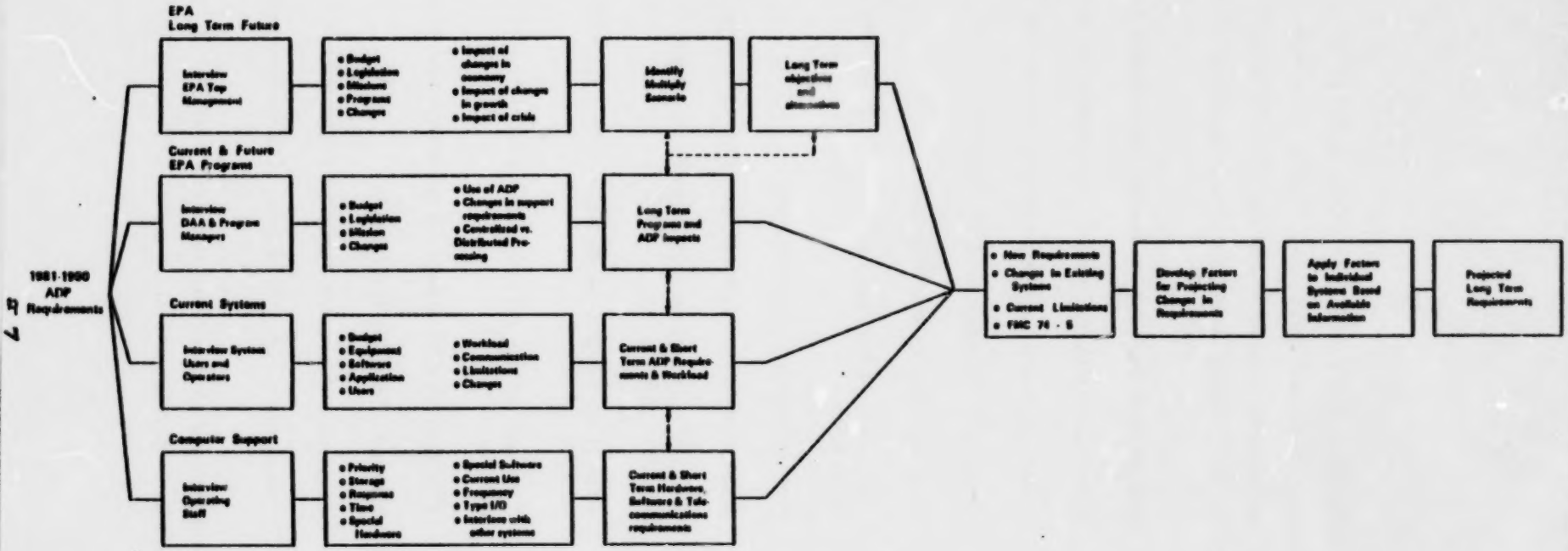

Figure 2-1

the future ADP utilization for EPA. The steps in the projection model development are presented in Figure 2-2. These steps are consistent with the overall methodology presented in the Phase I report and discussions with EPA, GSA, OMB, and the House Operations Committee.

The management surveys collected the following data:

1. National economic growth and impact on EPA
2. Public attitude towards ecology objectives
3. Projected changes in EPA budgets
4. New legislation and effects
5. Changes in program and mission relationships to total EPA
6. New programs and missions
7. Impact of national shortages (energy, food, water)
8. Impact on programs of significant increase in funds to EPA
9. Impact on programs of significant decrease in funds to EPA
10. Changes in the ratio of ADP budget to total program budget
11. Changes in ADP usage by program and mission
12. Changes in ADP applications
13. Centralized versus distributed processing
14. Changes in use of multiple user data bases

The results obtained from the first four items can be grouped together to determine the anticipated EPA overall growth for

PROJECTION MODEL DEVELOPMENT

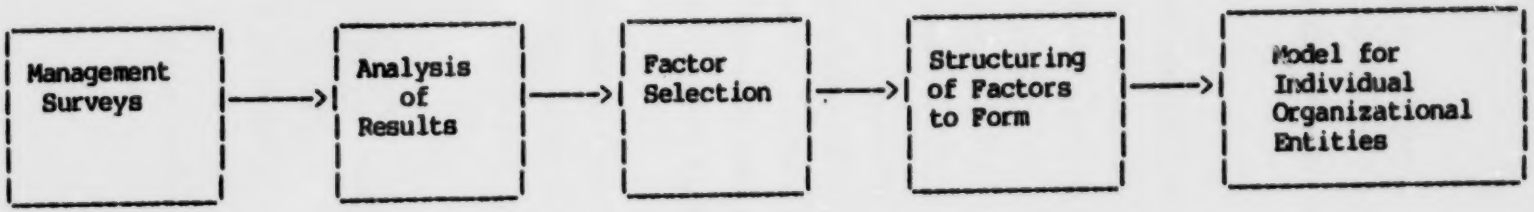

Figure 2-2

the future, considering a normal national situation. Items 7, 8, and 9 provide the information to identify the EPA growth in abnormal situations both positive and negative; thus providing a multiple scenario approach to the study.

Items 4, 5, and 6 identify the anticipated changes in program priorities, which will affect future ADP usage. New programs such as toxic substances were identified and growth factors associated with existing programs were defined. Items 10, 11, and 12 addressed the changing uses of ADP by the organizational elements and EPA as a whole. Information was also obtained as to the reasons for these changes in the ADP usage relationships. Items 13 and 14 address the method of providing future ADP support and the capabilities which must exist in any future computer service design. As a part of Item 13, data were collected regarding the need for interactive support versus batch processing, to determine future trends within EPA.

The initial design of the questions and analysis of their responses resulted in the development of a set of specific factors which could be considered mutually exclusive from other factors. These factors are as follows:

1. Overall EPA Growth Factor - based on responses to Items 1 thru 4

2. Program/Mission Factor - based on response to Items 4 thru 6

3. ADP Usage Factor - based on responses to Items 10 thru 12

Since the surveys were conducted at the individual organization level, separate factors for program and mission, and ADP utilization could be developed for each organizational entity to generate a set of values which had a higher degree of confidence. The overall EPA growth factor was applied to all organizational entities, since the current system workload was dependent on existing budgets and additional funding distributed to the organizations.

When the individual factors are multiplied by each other, the net effect of all change factors can be presented in a single formula which can be applied on an individual system or ADP activity level to project future ADP requirements. The resulting formula is as follows:

> Projected Workload for a time frame equals (=) Workload for the previous time frame plus (+) Current (1977) Workload times (x) total impact of change factors (Overall EPA growth x program/mission x organization ADP usage) times (x) the number of years for which the projections were to be made.

Figure 2-3 presents the major elements of information considered in developing the individual values for each factor and how these factors are applied to obtain the final long-term projections for each time period. Where applicable, the 1979 workload projections were made on the basis of data collected from system and/or activity managers. When not available, the factors were used to generate the 1979 workload. All factors are applied to the 1977 workload to generate increases or decreases in activity.

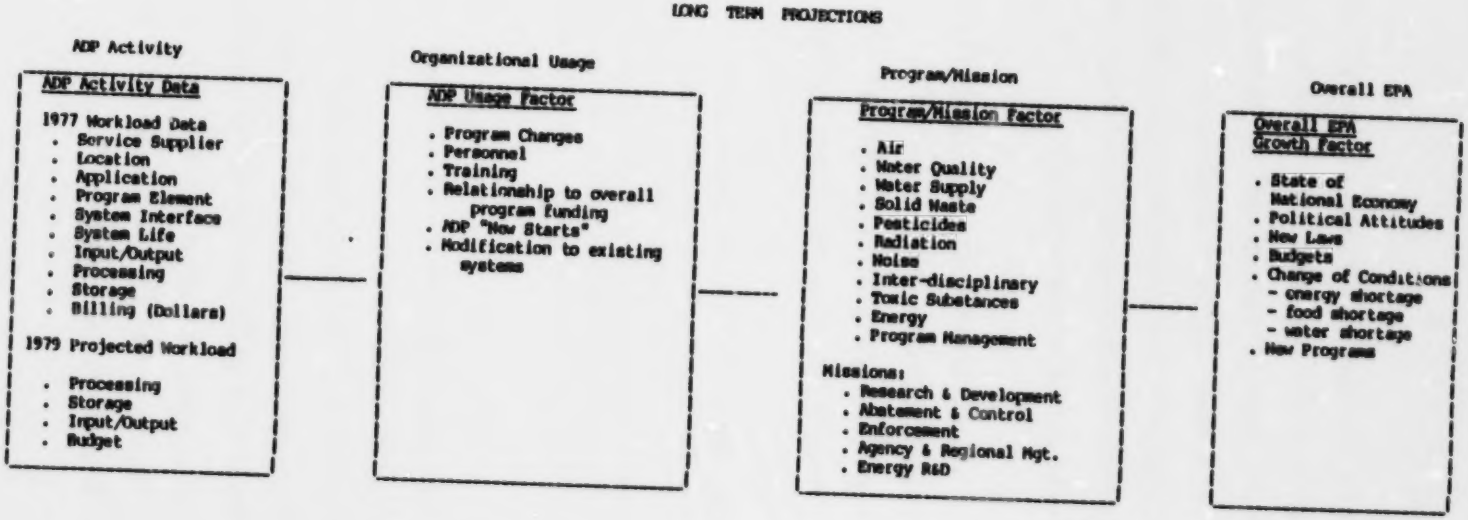
LONG TERM PROJECTIONS
ADP Activity
ADP Activity Data
1977 Workload Data
• Service Supplier
• Location
• Application
• Program Element
• System Interface
• System Life
• Input/Output
• Processing
• Storage
• Billing (Dollars)
1979 Projected Workload
• Processing
• Storage
• Input/Output
• Budget
Organizational Usage
ADP Usage Factor
• Program Changes
• Personnel
• Training
• Relationship to overall program funding
• ADP "New Starts"
• Modification to existing systems
Program/Mission
Program/Mission Factor
• Air
• Water Quality
• Water Supply
• Solid Waste
• Pesticides
• Radiation
• Noise
• Inter-disciplinary
• Toxic Substances
• Energy
• Program Management
Missions:
• Research & Development
• Abatement & Control
• Enforcement
• Agency & Regional Mgt.
• Energy R&D
Overall EPA
Overall EPA Growth Factor
• State of National Economy
• Political Attitudes
• New Laws
• Budgets
• Change of Conditions
- energy shortage
- food shortage
- water shortage
• New Programs

Figure 2-3

2.3 Projection Factors and Formula

The three major factors which are applied to the current workload baseline to develop future workload projections are developed to make each mutually exclusive. The net results of these factors represent annual net change and are applied to individual systems or ADP activity to obtain the future projections. Each of the following are presented in more detail in subsequent paragraphs:

- o Current Baseline Workload
- o Organizational Usage Factors
- o Mission/Program Priority Factors
- o EPA Growth Factors

2.3.1 Current Workload Baseline

A group of approximately 190 individual systems and/or ADP activities were selected for individual interviews and detailed data collection by the Informatics staff. These activities represented approximately 80 percent of the total timesharing funding presented in the ZBB. Interviews were held with activity managers and users to obtain detailed data concerning the current workload, any anticipated modifications, and future projections of activity utilization. Current systems were reviewed in terms of significant improvements which might affect their workload. The summary results of this data collection effort and analysis are presented in Section 3 of this document as the Current Workload.

For those activities not included in the Informatics survey, or not provided through MIDSD, usage information was obtained from the servicing computer centers and presented by organizational element as "other systems."

In addition to identifying current activities, the interview process also attempted to identify "new start" and termination activities. Some of these "new starts" as identified by ADP managers were under development and some were in the planning stage. Where workload could be projected, it was obtained. In many cases, these new start activities would replace existing systems, such as the STATE system replacing RAPS. Some new starts for FY 1977 are presented in the list of Current Year Baseline Workload as ADP activities with no present workload data. New starts for other years are shown with projection generated from quantitative or subjective inputs from ADP activity personnel and organization management.

The initial projections of future workload from 1977 to 1979 were made for each ADP activity surveyed by the activity manager. Longer term projections were made using the Long Term Projection Model, since no details were available other than management inputs.

2.3.2 Organizational Usage Factors

For each major organizational element with EPA , an organizational factor was developed which represented the data gathered from EPA management responsible for the programs which utilize the ADP activity. Each manager was asked about the future

use of ADP as it relates to the total funds expended to support mission objectives and the future trend of this ADP usage.

ADP usage of an organization will vary based upon the support given by management. Due to the limited numbers of personnel available within EPA and other factors management has become more dependent upon the use of ADP to perform program support activities. This permits one man to accomplish more towards the program goals. The common response by management to the question regarding ADP usage was consistent growth within their organization of ADP. These responses were converted into individual organization plus or minus growth factors for each of the projection years, 1981-1985-1990, and became a part of the Long Term Projection Model.

2.3.3 Program/Mission

Individual systems or ADP activity currently supports an organization program and mission. Some activities support multiple programs of a similar nature. The changes in priorities for programs and missions will effect the requirements for ADP support. High priority programs or missions will cause the ADP support requirements to grow, where lower priority missions may not grow as fast or may decline in terms of ADP usage. The EPA programs and missions categories and FY 1977 dollar values are as follows:

Programs	Estimated 1977 Budget (Millions)
Air	143
Water Quality	178
Water Supply	44
Solid Waste	16
Pesticides	40
Radiation	5
Noise	10
Interdisciplinary	36
Toxic Substances	7
Energy	97
Program Management & Support	67
Agency and Regional Management	68

Missions	Estimated 1977 Budget (Millions)
Research and Development	159
Abatement and Control	330
Enforcement	57
Agency and Regional Management	68
Energy Research and Development	97

The program element code, which identifies the program which the ADP activity supports was captured during the ADP activity survey. Management was asked for their opinion in the changes in priorities and funding associated with both the programs and missions. Thus, a factor has been developed to represent future changes in program and mission priorities which will effect future ADP requirements.

2.3.4 Overall EPA Factor

This is an overall value which will effect the totality of EPA future activity. Low growth or stable funding for EPA would effect the growth of individual programs and activities within EPA, in terms of remaining about the same, with some shifts in program and mission priorities. High growth would generate a major expansion of some programs and indicate general growth for all programs since no major new legislation is anticipated to drain off these new funds. Thus the degree of overall EPA growth in terms of responsibility, funding and manpower will effect the overall need for ADP support. Projections of overall EPA growth and anticipated funding levels were collected during the management interviews. These projections have been converted into an overall factor which will apply to individual systems and ADP activities.

The factor developed assumes an offsetting effect between inflation and reduction in ADP service cost caused by technology improvements (i.e., $1 will buy less of most things in the future; but it will buy as much or more in terms of ADP). These improvements in technology have been shown with recent ADP equipment announcements and represent improvements in both new equipment and retrofit to existing equipment. Cost of some processing and storage has dropped significantly in recent years. It is anticipated that these cost reductions will continue.

2.3.5 Projection Formula

The projection model formula for each of the individual time periods addressed (1979-81-85-1990) is presented in subsequent paragraphs. Each organizational entity will have a unique set of factors which will be applied to their systems and/or ADP activities. The values of these factors are presented on the Management Projection of EPA Future forms, reference Figure 2-4. Survey results have been converted to quantitative values based on percentages provided by management or management statements converted to percentages of annual change. Informatics has made the initial translation to quantitative values which will be reviewed and finalized by EPA. The projections of workload by individual system and/or ADP activity which results from the application of the model are presented in Section 4 of this document, in organization sequence. Data missing in the current workload definitions are also left blank in the projections.

2.4 SAMPLE APPLICATION

The model is applied to each system or ADP activity for obtaining the 1981-85-90 workload projections. In addition, it is used for projecting some activities from its 1977 workload baseline to 1979. The model is used when projections of 1979 workload were not provided by the activity manager and include such activities as "other systems".

A sample of the projection methodology and the use of the model might be best shown in the following example for the Time Sharing Service Management System (TSSMS). The calculation of workload requirements are a step by step process as presented in Figure 2-5. The individual steps are explained in more detail as follows:

Step 1 - Identify the organizational element responsible for the ADP system or activity

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET	CURRENT TIME-SHARING BUDGET	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	

Figure 2-4.

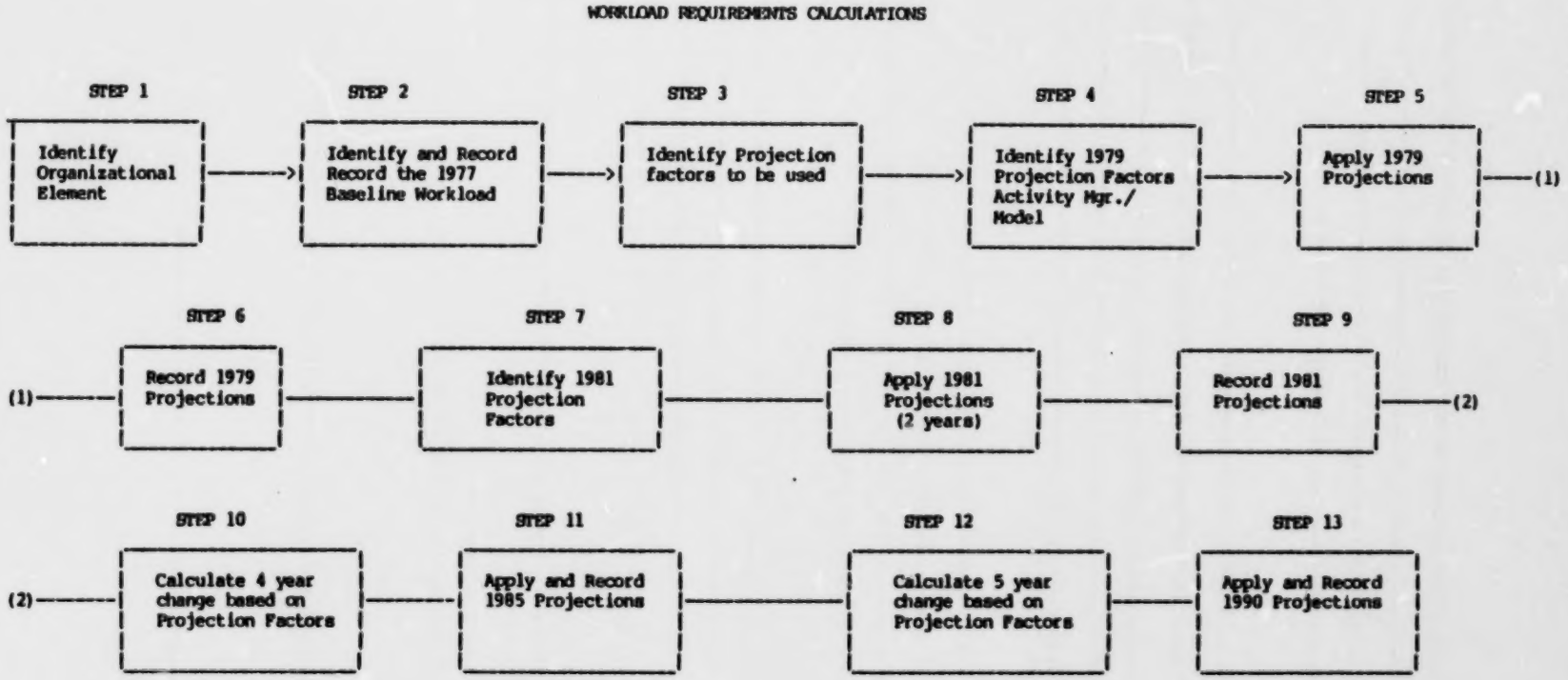
WORKLOAD REQUIREMENTS CALCULATIONS
STEP 1
Identify Organizational Element
STEP 2
Identify and Record Record the 1977 Baseline Workload
STEP 3
Identify Projection factors to be used
STEP 4
Identify 1979 Projection Factors Activity Mgr./ Model
STEP 5
Apply 1979 Projections
(1)
STEP 6
(1)
Record 1979 Projections
STEP 7
Identify 1981 Projection Factors
STEP 8
Apply 1981 Projections (2 years)
STEP 9
Record 1981 Projections
(2)
STEP 10
(2)
Calculate 4 year change based on Projection Factors
STEP 11
Apply and Record 1985 Projections
STEP 12
Calculate 5 year change based on Projection Factors
STEP 13
Apply and Record 1990 Projections

Figure 2-5

Workload Baseline	Organizational Usage Factor
B_1 = 1977	A_1 = 1977
B_2 = 1979	A_2 = 1979
B_3 = 1981	A_3 = 1981
B_4 = 1985	A_4 = 1985
B_5 = 1990	A_5 = 1990

Program/Mission Factor	Overall EPA Factor
P_1 = 1977	E_1 = 1977
P_2 = 1979	E_2 = 1979
P_3 = 1981	E_3 = 1981
P_4 = 1985	E_4 = 1985
P_5 = 1990	E_5 = 1990

Projections from 1977 Baseline to 1979 Workload:

$$*B_2 = B_1 + [(1 + A_3) \times (1 + P_3) \times (1 + E_3) - 1](B_1 \times 2)$$

Projections from 1979 Workload to 1981:

$$B_3 = B_2 + [(1 + A_3) \times (1 + P_3) \times (1 + E_3) - 1](B_1 \times 2)$$

Projections from 1981 Workload to 1985:

$$B_4 = B_3 + [(1 + A_4) \times (1 + P_4) \times (1 + E_4) - 1](B_1 \times 4)$$

Projections from 1985 Workload to 1990:

$$B_5 = B_4 + [(1 + A_5) \times (1 + P_5) \times (1 + E_5) - 1](B_1 \times 5)$$

*If information for 1979 was not available, the 1981 factors derived from management interviews were used to develop a 1979 baseline

Step 2 - Identify and record the 1977 baseline workload data

Step 3 - Identify the projection factors to be used from Management Projection of EPA Future for each time period

Step 4 - Identify 1979 projection factors (from activity manager or from Management Projection of EPA Future)

Step 5 - Apply 1979 projections (use factors in model is applicable)

Step 6 - Record 1979 projections (use factors in model as applicable)

Step 7 - Identify 1981 projection factors from Management Projection of EPA Future for this organization and calculate 2 year change to workload base on model

Step 8 - Apply 1981 projections - workload change of '77 workload added to 1979 workload

Step 9 - Record 1981 projections

Step 10- Calculate four year change to workload based on model projection factors for 1985

Step 11- Apply and record 1985 projections

Step 12- Calculate five year change to workload based on model and projection factors for 1990

Step 13-Apply and record 1990 projections

The summary of workload and cost resulting from these calculations are:

Workload	1977	1979	1981	1985	1990
Connect Hours					
High Speed	15	24	27.8	33.2	38.5
Low Speed	32	6.4	14.4	25.9	37.3
CPU Hours					
Batch	.15	.213	.25	.304	.36
On-Line	.03	.043	.05	.061	.072
EXCP's					
Batch	85	120.7	142	173	203
On-line	112.6	159.9	188.1	228.6	269
Resource Hours					
Batch	1.23	1.75	2.06	2.5	2.94
On-Line	1.25	1.78	2.09	2.54	2.98
Storage					
Disk-Tracks	1262	1578	1894	2348	2796
Tape-Reels	8	10	12	15	18
Annual Cost:	$36.0K	$44.9K	$53.9K	$66.8K	$79.6K

Estimate (thousands)

Step 1: Identify Organization

ADP Activity - TSSMS

Organization - Office of Administration,
Assistant Administrator
for Planning and Management

Step 2: Record Baseline Workload

Current Workload Baseline (FY '77)

Servicing Supplier - OSI/COMNET

Location - Headquarters

Input/Output:

High Speed -	Input	Trans.	—	Char	—	
	Output	Trans.	264K	Char	34.8	
Low Speed -	Input	Trans	16K	Char	1.28	
	Output	Trans	20K	Char	1.6	

Connect Hours	- High Speed	15
	- Low Speed	32
CPU Hours	- Batch	.15
	- On-line	.03
EXCP's	- Batch	85
	- Online	112.6
Resource Hours	- Batch	1.23
	- On-line	1.25
Storage	- Tape	8 Reels
	- Disk	1262 Tracks

Annual Billing (Projected): - $36.0K

Zero Base Budget (ZBB) $38.8K

* Note: Annual billing is based on previous seven months of charges extrapolated to a complete year.

Step 3: Determine Which Projection Factors to Use

Determine if activity manager made projections on system survey document.

Step 4: Identify 1979 Projection Factors

Activity Management Projections for 1979:

Item	FY 78	FY 79	Total
Processing	17%	25%	42%
Storage	5%	20%	25%
Low Speed	-45%	-35%	-80%
High Speed	30%	30%	60%
Budget			$44.9K

Step 5: Apply Factors

Step 6: Record Projections

The application of these projections to the 1979 baseline workload results in the following usage for 1979:

Input/Output

High Speed - Input Trans _____ Char _____

Output Trans 422.4K Char 55.7M

Low Speed - Input Trans 3.2K Char .26M

- Output Trans 0.4K Char .32M

Connect Hours High Speed 15 + 15(.6) = 24 hours

Low Speed 32 - 32(.8) = 6.4 hours

CPU Hours - Batch .15 + 15(.42) = .213

- On-line .03 + 03(.42) = .043

EXCP's - Batch 85 + 85(.42) = 120.7

On-line 112.6 + 112.6(.42) = 159.9

Resource Hours - Batch 1.23 + 1.23(.42) = 1.75

- On-line 1.25 + 1.25(.42) = 1.78

Stbrage - Tape 8 + 8(.25) = 10

- Disk 1262 + 1262(.25) = 1578

Projected Annual Budget (79) - $36K + 8.9 = $44.9K

Step 7: 1981 Projection Factors

Projection Factors (from Management Projection of EPA Future)

Organizational Usage	- 1981 - 5%	1985 - 2%	1990 - 2%
Program/Mission	- 1981 - 2%	1985 - 2%	1990 - 0%
Overall EPA	- 1981 - 5%	1985 - 5%	1990 - 5%

Projections for 1981 using Projection Model:

$$B_3 = B_2 + [1 + A_3) \times (1 + P_3) \times (1 + E_3) - 1] (B_1 \times 2)$$

1981 Workload:

= 1979 Workload + [(1 + 1 x .05) x (1 + 1 x .02) x (1 + 1 x .05)-1]
(1979 Workload x 2 years)

= 1979 Workload + [(1.05) x (1.02) x (1.050)-1]
(1977 Workload x 2 years)

= 1979 Workload + [.125] (1977 Workload x 2 years)

= 1979 Workload + .25 x 1977 Workload

Step 8: Apply 1981 Projections

Step 9: Record Projections

The application of these projections to the 1977 Baseline Workload results in the following usage for 1981:

Input/Output

High Speed	Input	Trans	——	Char	——
	Output	Trans	488.4	Char	64.4M
Low Speed	Input	Trans	7.2	Char	.58M
	Output	Trans	5.04	Char	.72M

Connect Hours	High Speed	15(.25) + 24 = 27.8
	Low Speed	32(.25) + 6.4 = 14.4
CPU Hours	Batch	.15(.25) + .213 = .25
	On-line	.03(.25) + .043 = .05
EXCP's	Batch	85(.25) + 120.7 = 142
	On-line	112.6(.25) + 159.9 = 188.1
Resource Hours	Batch	1.23(.25) + 1.75 = 2.06
	On-line	1.25(.25) + 1.78 = 2.09
Storage	Tape	8(.25) + 10 = 12
	Disk	1262(.25) + 1578 = 1894

Projected Annual Budget (81) - $44.9 + 9 = $53.9K

Step 10: Calculate Change for 1985

Projection for 1985 using Projection Model:

$$B_4 = B_3 [(1 + A_4) \times (1 + P_4) \times (1 + E_4) - 1] (B_1 \times 4)$$

1985 Workload:

= 1981 Workload + [(1 + 1 x .02) x (1 + 1 x 02) x (1 + 1 $. 05-1]
('77 Workload x 4)

= 1981 Workload + [(1.02) x (1.02) x (1.05)-1] ('77 Workload x 4)

= 1981 Workload [.09] (1977 Workload x 4)

= 1981 Workload + .36 x 1977 Workload

Step 11: Apply and Record 1985 Projections

The application of these projections to the 1977 Baseline Workload result in the following usage for 1985:

Input/Output

High Speed	Input	Trans	_____	Char	_____
	Output	Trans	583.4K	Char	76.93M
Low Speed	Input	Trans	12.96K	Char	1.04M
	Output	Trans	12.24K	Char	1.20M

Connect Hours	High Speed	15(.36) + 27.8 = 33.20
	Low Speed	32(.36) + 14.4 = 25.92
CPU Hours	Batch	.15(36) + .25 = .304
	On-line	.03(.36) + .05 = .061
EXCP's	Batch	85(.36) + 142 = 173
	On-line	112.6(.36) + 188.1 = 228.6
Resource Hours	Batch	1.23(.36) + 2.06 = 2.50
	On-line	1.25(.36) + 2.09 = 2.54
Storage	Tape	8(.36) + 12 = 15
	Disk	1262(.36) + 1894 = 2348

Projected Annual Budget (85) - $36(.36) + 53.9K = $66.86K

Step 12: Calculate Change for 1990

Projections for 1990 using Projection Model:

$$B_5 = B_4 + [(1 + A_5) \times (1 + P_5) \times (1 + E_5) - 1](B_1 \times 5)$$

1990 Workload:

= 1985 Workload + [(1 + 1 x .02) x (1 + 1 x 0 x (1 + 1 x .05) - 1] ('77 Workload x 5)

= 1985 Workload + [(1.02) x (1.0) x (1.05) -1] ('77 Workload x 5)

= 1985 Workload + [.071] ('77 Workload x 5)

= 1985 Workload + .355 x 1977 Workload

Step 13: Apply and Record 1990 Projections

The application of these projections to the 1977 Baseline Workload results in the following usage for 1990:

Input/Output

High Speed	Input	Trans	_____	Char	_____
	Output	Trans	677K	Char	86M
Low Speed	Input	Trans	19K	Char	1.5M
	Output	Trans	19.4K	Char	1.9M

Connect Hours	High Speed	15(.355) + 33.2 = 38.5
	Low Speed	32(.355) + 25.92 = 37.3
CPU's Hours	Batch	.15(.355) + .304 = .36
	On-line	.03(.355) + .061 = .072
EXCP's	Batch	85(.355) + 173 = 203
	On-line	112.6(.355) + 228.6 = 269
Resource Hours	Batch	1.23(.355) + 2.50 = 2.94
	On-line	1.25(.355) + 2.54 = 2.98
Storage	Tape	8(.355) + 15 = 18
	Disk	1262(.355) + 2348 = 2796

Projected Annual Budget (90) - $36(.355) + $66.86 = $79.64K

SECTION 3

CURRENT ADP WORKLOAD TABLES

3.1 DESCRIPTION OF TABLES

This section presents the baseline (1977) workload data for each organizational unit of EPA. The tables presented in this section show the total workloads for each office, laboratory, and regional office. Tables showing the workload for each ADP Activity within each of these organizational units are available as microfiche copies, available for all participants in the study program.

The data presented in these tables were obtained from various reports generated from the OSI and NCC computer accounting systems. Subsection 3.1.1 describes the data items, indicates the source and method of calculation, and describes the organization of the baseline tables. Subsection 3.2 presents the workload tables.

3.1.1 Description of Data Items

In order to present the large amount of information collected for each organizational unit in a concise form, the tables in Section 3.2 were developed. These tables contain existing workload data for each unit's activities either currently operating at OSI-COMNET or NCC. Since these data were collected before the transition to COMNET was complete, workload data are based on OSI figures for those systems that were operating at OSI during the survey. Annual values are extrapolated from partial year figures, as described below. Developmental or planned activity workload is also included in the tables. This subsection describes the information

in those tables, how the data are calculated, and how the tables are organized.

The workload data are divided into three main areas labeled Input and Output, Processing, and Storage. In all cases, the workload indicated is a monthly average. The following describes the source of information and the method of calculation for each of the areas:

- Input and Output (I/O). These data, with the exception of connect hours, were gathered from the ADP activity survey described in Section 4 for the OSI activities, and from a report generated from the Univac computer for the NCC activities. I/O is separated into high and low speed transmissions, with the transaction volume and total character volume given for each. Generally, an input transaction would be one card or card image, while an output transaction would be one print line. When no information was given as to characters per transaction, 80 characters per transaction was assumed for input and 100 characters per transaction for output for OSI activities. For NCC activities I/O was calculated from the Univac workload listings using the following algorithims:

1. High speed input transactions = CARDS IN
2. High speed input total characters = CARDS IN X 60
3. High speed output transactions =
   CARDS OUT (high speed) + PAGES (high) X 50+
   CARDS OUT (low) + PAGES (low) X 50 X .75
   NOTE: It was established that 75 percent of the PAGES figures was directed to high speed printers and the remaining 25 percent was output to low speed terminals wherever there were values for PAGES for low speed output.
4. High speed output total characters =
   CARDS OUT (high) X 60 + PAGES (high) X 50 X 100 +
   CARDS OUT (low) X 60 + PAGES (low) X 50 X 100 X .75
5. Low speed input transactions = CARDS IN (low)
6. Low speed input total characters = CARDS IN (low) X 60
7. Low speed output transactions = PAGES (low) X 50 X .25
8. Low speed output total characters = PAGES (low) X 50 X 100 X .25

Output for OSI activities, where not available from the survey forms was calculated from TOTAL PRINT LINES given in the workload reports from OSI. No distinction was given between remote and on-site printing. To obtain the number of transactions (defined to be lines printed at the remote terminal) the total print lines were multiplied by .5 for all activities within one day courier service from OSI, by .7 for the eastern regions without one day service, and by .8 for all other regions. This weighting is designed to account for the different remote vs on-site printing philosophies for different locations. The number of transactions were then mulitplied by 100 to obtain total characters transmitted.

Connect hours were obtained from the OSI and NCC workload accounting listings.

- Processing. This data was obtained from the OSI and NCC accounting systems using a "year-to-date" summary that included seven months of data for OSI (10/1/76 - 5/1/77) and seven months of data for NCC (10/1/76 - 5/1/77). The data is divided into batch and on-line ("demand" at NCC) processing. It should be noted that the processing units are different for OSI and NCC. No attempt was made to convert these to a common unit; however, corresponding units, such as CPU and CAU, are placed in the same column. It should especially be noted that EXCP's are given in thousands, while the corresponding UNIVAC unit, I/O, is given in hours. Thus, comparison of, or totaling of these units is not feasible. Again, these are monthly averages.

- Storage. The number of tape reels used by an activity was ascertained from the activity survey. Disk storage, on the other hand, was calculated using the OSI and NCC reports in conjunction with the survey. The total number of disk tracks occupied per month is the sum of tracks on public and private packs. Public tracks were calculated from the storage costs available from the OSI and NCC reports. Tracks on private packs could be calculated from the NCC reports, but for OSI activities, it was necessary to rely on the survey data. This again is the average number of disk tracks occupied per month.

- Annual Billing. These figures were calculated using the year-to-date NCC and OSI reports to find a monthly average, and then projecting this average to twelve months.

1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	SYS ID	VOL	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPL PROC YR	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SAU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)-															
OFF. OF ADMINISTRATION (OA)															
ST SUB-TOTAL OST	H		6.47	790.10	525.40	3	2.173	0.0	2698.60	32.52					
OST-OA	L		3.94	36.36	538.60	3	0.483	0.0	2587.60	21.74	44	26171.	882.34		
ST SUB-TOTAL NCC	H		27.57	59.02	23.99	8	3.463	10.63	9.25	12.06					
NCC-OA	L		4.46	5.12	138.69	0	1.503	8.19	6.37	28.64	3	7526.	79.39		
(OPM)-															
OFF. OF PLANNING AND EVAL. (OPE)															
ST SUB-TOTAL OST	H		0.09	10.53	0.20	8	0.153	0.0	89.60	1.44					
OST-OPE	L		0.12	1.68	37.40	0	0.0	0.0	52.00	0.58	0	911.	21.83		
ST SUB-TOTAL NCC	H		0.42	70.15	9.68	8	0.703	4.20	1.56	4.70					
NCC-OPE	L		0.03	0.09	2.95	0	0.023	3.14	0.04	0.57	0	159.	7.50		
(OPM)-															
OFF. OF RESOURCE MGT. (ORM)															
ST SUB-TOTAL OST	H		10.16	470.80	0.0	8	2.733	0.0	3682.30	42.54					
OST-ORM	L		1.36	12.36	515.50	0	0.373	0.0	1281.70	14.38	118	14996.	494.83		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	8	0.0	0.0	0.0	0.0					
NCC-ORM	L		0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0	0.	0.0		
(OPM)-															
TOTALS															
IT TOTAL-OST OST	H		16.73	1272.43	525.60	8	5.023	0.0	6470.50	76.50					
OPM	L		5.43	50.50	1091.50	0	0.853	0.0	3929.80	36.79	162	42079.	1400.34		
IT TOTAL-NCC NCC	H		27.98	129.17	33.67	8	4.163	14.83	10.81	16.76					
OPM	L		4.48	5.20	141.64	0	1.523	8.33	6.41	29.21	3	7685.	86.89		
OFF. OF ENFORCEMENT (OE)-															
OFF. OF GENERAL ENFORCEMENT (OGE)															

PAGE NO. 02 — 1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S L K V I C K	T E S U P P L I	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IP/YR PO E S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI		H		5.13		85.83	180.10	B	1.753	0.0	1093.30	15.45			
OSI-OGE		L		3.12		8.25	196.80	D	0.120	0.0	412.44	4.57	18	6985.	219.46
ST SUB-TOTAL NCC		H		0.02		0.89	0.21	B	0.443	1.64	1.18	0.47			
NCC-OGE		L		0.02		0.05	3.43	D	0.037	0.02	0.12	0.13	0	233.	4.10
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)															
ST SUB-TOTAL OSI		H		1.74		190.67	0.0	B	1.543	0.0	866.70	12.06			
OSI-OWE		L		0.19		0.38	43.80	D	0.013	0.0	113.50	1.26	0	9641.	155.60
ST SUB-TOTAL NCC		H		0.0		0.05	0.0	B	0.0	0.0	0.0	0.0			
NCC-OWE		L		0.00		0.00	0.20	D	0.0	0.0	0.0	0.01	0	3.	0.3
(OE)-- OFF. OF NOISE SOURCE AND NOISE ENF. (ONSNE)															
ST SUB-TOTAL OSI		H		1.32		3.20	0.0	B	0.505	0.0	324.18	5.94			
OSI-ONSNE		L		1.28		4.29	244.93	D	0.106	0.0	445.01	5.04	35	5931.	114.57
ST SUB-TOTAL NCC		H		0.69		1.26	3.74	B	0.223	0.99	0.42	1.10			
NCC-ONSNE		L		0.09		0.17	10.44	D	0.103	0.26	0.07	0.84	10	2409.	8.40
OFF. OF ENFORCEMENT-TOTALS															
TT TOTAL-OSI	OSI	H		8.21		280.17	180.10	B	3.838	0.0	2292.48	33.54			
OE		L		4.59		12.92	475.63	D	0.235	0.0	971.15	10.88	53	22468.	490.23
TT TOTAL-NCC	NCC	H		0.70		2.21	3.95	B	0.653	2.63	1.60	1.57			
OE		L		0.11		0.23	14.07	D	0.137	0.28	0.19	0.98	10	2642.	12.50
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)															
ST SUB-TOTAL OSI		H		0.10		0.10	0.0	B	1.420	0.0	573.40	9.46			
OSW-OSI		L		0.20		1.91	54.90	D	0.243	0.0	266.40	2.95	0	3042.	112.30

1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	SERVICE CLASS	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE PROCESSING	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H	0.02	2.05	0.21	B	0.020	0.05	0.0	0.06					
OSW-NCC	L	0.03	0.04	1.49	D	0.010	0.06	0.0	0.27	0	35.	0.60		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)														
ST SUB-TOTAL OSI	H	20.02	93.93	321.20	B	8.760	0.0	4051.40	65.18					
OWPS-OSI	L	2.94	39.63	735.00	D	1.540	0.0	1562.00	17.55	900	68509.	920.70		
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
OWPS-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	12.	0.33		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)														
ST SUB-TOTAL OSI	H	29.56	140.93	0.0	B	2.730	0.0	3138.60	32.36					
OWPO-OSI	L	2.09	14.48	588.60	D	0.550	0.0	1[illegible]0.91	19.34	252	19679.	540.73		
ST SUB-TOTAL NCC	H	0.0	7.46	0.0	B	0.0	0.0	0.0	0.0					
OWPO-NCC	L	0.22	2.49	13.18	D	0.580	1.65	1.72	6.23	0	658.	10.33		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)														
ST SUB-TOTAL OSI	H	25.00	80.00	165.50	B	0.520	0.0	580.70	7.04					
OWS-OSI	L	0.41	6.16	137.00	D	0.090	0.0	234.90	2.61	50	2700.	116.93		
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
OWS-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS														
TT TOTAL-OSI OSI	H	74.48	314.95	486.70	B	13.430	0.0	8344.09	114.04					
OWHM	L	5.64	62.16	1575.50	D	2.390	0.0	3794.21	42.45	1202	93930.	1690.39		
TT TOTAL-NCC NCC	H	0.02	9.51	0.21	B	0.020	0.09	0.0	0.06					
OWHM	L	0.25	2.52	14.67	D	0.590	1.71	1.72	6.50	0	705.	10.63		

PAGE NO. 04 — 1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S E R V I C E TYPE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IPYR PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF AIR QUAL PLANNING AND STNDRDS (OA													
ST SUB-TOTAL OST	H	3.91	3.90	0.0	B	0.100	0.0	150.40	1.83				
OAQPS-OST	L	0.06	0.77	17.10	D	0.020	0.0	73.70	0.82	0	343.	33.60	
ST SUB-TOTAL NCC	H	587.28	1333.02	928.41	B	123.960	342.78	226.70	379.31				
OAQPS-NCC	L	33.02	63.45	1518.43	D	27.960	109.82	46.53	435.69	1057	97000.	1591.55	
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O													
ST SUB-TOTAL OST	H	0.07	1.16	0.0	B	0.020	0.0	19.20	0.24				
OMSAP-OST	L	0.04	0.55	12.30	D	0.0	0.0	20.20	0.23	0	33.	6.30	
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
OMSAP-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF NOISE ABATEMENT AND CONTROL (ONAC													
ST SUB-TOTAL OST	H	0.04	25.70	0.0	B	1.700	0.0	218.50	10.07				
ONAC-OST	L	0.07	9.95	122.90	D	0.090	0.0	285.10	3.18	0	2937.	114.10	
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ONAC-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM) OFF. OF RADIATION PROGRAMS (ORP)-													
ST SUB-TOTAL OST	H	0.22	25.99	4.60	B	0.190	0.0	74.70	1.54				
ORP-OST	L	0.15	13.82	177.80	D	0.040	0.0	274.70	3.04	24	1794.	53.30	
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ORP-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM)- TOTALS													

1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S R V P C T L	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING: PO EC ES SI NG	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-OSI	OSI H		5.07		60.68	4.80	B	2.203	0.0	512.20	14.96			
OAIM	L		0.34		29.48	338.60	D	0.153	0.0	683.60	7.60	24	9128.	218.50
TT TOTAL-NCC	NCC H		587.28		1333.06	828.86	B	123.943	342.79	226.70	379.32			
PAIM	L		33.02		63.45	1518.72	D	27.943	109.83	46.53	435.73	1057	97005.	1591.55
OFF. OF TOXIC SUBSTNCS. (OTS)-														
OFF. OF ENFM. INTEGRATION/INFO														
SI SUB-TOTAL OSI	OSI H		0.30		6.70	0.0	B	0.733	0.0	215.20	4.80			
-OSI	L		0.03		3.94	48.60	D	0.033	0.0	134.20	1.48	12	1304.	51.60
SI SUB-TOTAL NCC	NCC H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
-NCC	L		0.0		0.0	0.0	D	0.0	0.11	0.0	0.38	0	3.	0.53
OFF. OF TOXIC SUBSTNCS. (OTS)-														
OFF. OF PESTICIDE PROGRAMS (OPP)														
SI SUB-TOTAL OSI	OSI H		62.86		842.30	193.70	B	5.953	0.0	5209.80	65.68			
OPP-OSI	L		2.09		60.71	931.40	D	1.203	0.0	2574.60	28.63	803	34090.	922.93
SI SUB-TOTAL NCC	NCC H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OPP-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF TOXIC SUBSTNCS (OTS)-														
TOTALS														
TT TOTAL-OSI	OSI H		63.16		849.00	193.70	B	6.683	0.0	5425.00	70.48			
OTS	L		2.12		44.65	930.00	D	1.233	0.0	2708.80	30.11	815	35394.	974.53
TT TOTAL-NCC	NCC H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OTS	L		0.0		0.0	0.0	D	0.0	0.11	0.0	0.38	0	3.	0.60
OFF. OF RSCH AND DEVEL (ORD)-														
OFF. OF ATR LAND AND WATER USE (OALAW)-														
(OALAW) - GOV. SCIENCES RSCH LAB-RTP														

1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S C R V I C E T Y P E	T E R M I N A L T Y P E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IP/YR PD/EC E S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ESRL-OSI	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		61.57	282.38	137.24	B	18.230	53.82	30.34	53.17					
ESRL-NCC	L		52.99	30.64	842.50	D	16.350	72.83	35.34	286.56	37	45000.	643.20
(DAL40)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)															
ST SUB-TOTAL OSI	H		0.11	4.55	0.0	B	0.030	0.0	33.20	0.46					
MERL-OSI	L		0.17	2.56	56.80	D	0.040	0.0	152.10	1.75	0	976.	27.10
ST SUB-TOTAL NCC	H		0.45	16.14	0.35	B	0.070	0.11	0.04	0.12					
MERL-NCC	L		2.82	3.56	44.59	D	0.630	3.88	2.15	14.15	0	2220.	34.20
ADA ROBERT S. KERR ENV. RSCH. LAB															
ST SUB-TOTAL OSI	H		0.02	0.86	36.90	B	0.030	0.0	26.50	0.37					
ADA-OSI	L		0.00	0.05	1.10	D	0.0	0.0	4.60	0.05	0	1.	7.50
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ADA-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(DAL40)- ENVIRONMENTAL RSCH LAB-ATHENS															
ST SUB-TOTAL OSI	H		0.22	7.53	50.80	B	0.420	0.0	115.20	2.73					
ATHEN-OSI	L		0.23	4.45	92.50	D	0.080	0.0	149.30	1.85	0	4600.	75.10
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ATHEN-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR LAND AND WATER USE (DAL40)- TOTALS															
TT TOTAL-OSI OSI	H		0.36	13.40	97.70	B	0.490	0.0	181.00	3.64					
DAL40	L		0.41	7.63	153.20	D	0.120	0.0	318.50	3.79	0	5650.	113.30

PAGE NO. 07 — 1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S V P L Y P E	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	P R O C E S S I N G: PR PO EC E S G	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCPS (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	S T O R A G E: TAPES (REELS)	DISK (TRACKS)	ANNUAL BILLING ($K)
TI TOTAL-NCC	NCC H		62.02		298.51	187.59	B	18.383	53.93	30.38	53.29			
DALLAS	L		55.77		34.20	897.09	D	16.993	76.71	37.49	300.71	37	47220.	677.60
(OAO) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-														
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)														
SI SUB-TOTAL OST	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
IMSL-RTP	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
SI SUB-TOTAL NCC	H		23.83		241.75	55.79	B	10.383	27.96	18.93	33.70			
IMSL-RTP	L		11.00		11.54	265.81	D	3.603	23.62	7.17	75.93	95	7733.	194.60
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-														
SI SUB-TOTAL OST	H		0.08		1.80	0.0	B	0.023	0.0	14.60	0.19			
IMSL-CIN	L		0.12		2.06	59.00	D	0.013	0.0	57.50	0.64	0	409.	10.53
SI SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
IMSL-CIN	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(OEMI)-OFF. OF ENERGY MIN. AND INDST AC ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI														
(OAO) OFF. OF ENERGY MINERALS AND INDST A TOTALS														
TI TOTAL-OST	OST H		1.07		125.21	3.50	B	1.673	0.0	805.30	13.38			
OCIT	L		1.62		13.35	441.10	D	0.183	0.0	754.40	8.10	20	4126.	193.33
TI TOTAL-NCC	NCC H		23.83		241.75	55.79	B	10.383	27.96	18.93	33.70			
OCIT	L		11.00		11.54	265.81	D	3.603	23.62	7.17	75.93	95	7733.	194.60
(OEMI) OFF. OF HEALTH AND ECOL EFFECTS (OH OEPE-RTP														

PAGE NO. 98 — 1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S V I C E	T S R V P E	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP PD EC S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS-- UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.12	0.37	0.0	B	0.001	0.0	0.90	0.01					
HERL-RTP	L		0.01	0.18	3.90	D	0.0	0.0	6.20	0.07	0	0.	0.90		
ST SUB-TOTAL NCC	H		75.42	441.70	266.85	B	19.630	75.75	45.31	85.48					
HERL-RTP	L		27.63	33.14	860.86	D	13.270	52.70	16.33	190.66	1019	77525.	576.90		
(DHEE) - HEALTH EFFECTS RSCH LAB-CIN															
ST SUB-TOTAL OSI	H		0.31	18.54	0.0	B	0.160	0.0	80.10	1.35					
HERL-CIN	L		0.06	0.90	19.90	D	0.010	0.0	64.30	0.71	0	541.	19.50		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
HERL-CIN	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	1.	0.10		
(DHEE) - CORVALLIS															
ST SUB-TOTAL OSI	H		0.0	1.89	63.70	B	0.190	0.0	78.10	1.42					
CORV-OSI	L		0.09	1.29	28.60	D	0.010	0.0	93.20	1.04	2	960.	30.92		
ST SUB-TOTAL NCC	H		0.00	0.04	0.01	B	0.0	0.0	0.02	0.0					
CORV-OSI	L		0.00	0.00	0.15	D	0.0	0.01	0.01	0.03	0	256.	0.20		
(DHEE) - GROSSE ILE															
ST SUB-TOTAL OSI	H		0.03	36.29	25.84	B	0.080	0.0	321.00	6.47					
GI-OSI	L		0.38	1.23	42.15	D	0.160	0.0	547.00	6.07	0	2738.	126.10		
ST SUB-TOTAL NCC	H		0.13	3.94	2.28	B	0.060	0.17	1.50	0.19					
GI-NCC	L		0.27	0.30	10.37	D	0.160	0.54	0.45	2.27	0	2932.	17.50		
(DHEE) - NARRAGANSETT															
ST SUB-TOTAL OSI	H		0.17	10.26	23.10	B	0.180	0.0	45.80	1.03					
NARRA-OSI	L		0.01	0.20	4.40	D	0.0	0.0	10.10	0.11	0	931.	15.30		

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1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	SE VE CT OR IG	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP YR PO EC E S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC MARSA-DSI	H L	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0	12.	0.10
(DHEL) - GULF BREEZE													
ST SUB-TOTAL DSI SB-DSI	H L	0.24 0.14	14.22 2.16	0.0 47.90	B D	0.030 0.013	0.0 0.0	10.70 122.40	0.22 1.36	0	980.	22.80
ST SUB-TOTAL NCC SB-NCC	H L	0.01 0.0	0.05 0.0	0.01 0.0	B D	0.0 0.0	0.01 0.0	0.01 0.0	0.01 0.0	0	955.	1.60
(OEO) - OFF. OF HEALTH AND ECOL EFFECTS (TOTALS													
TT TOTAL-DSI DSI OHEE	H L	1.67 0.70	81.57 5.94	112.64 146.85	B D	1.441 0.193	0.0 0.0	536.60 843.20	10.50 9.36	2	6050.	215.32
TT TOTAL-NCC NCC OHEE	H L	75.15 27.90	445.13 33.44	271.15 871.30	B D	19.690 13.430	75.93 53.25	46.84 16.79	85.68 192.96	1019	82202.	596.80
OFF. OF MONIT AND TECHNICAL SUPPORT (OMTS ENVIRONMENTAL MONIT SPT LAB-RTP													
ST SUB-TOTAL DSI EMSL-RTP	H L	0.0 0.0	0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0	0.	0.0
ST SUB-TOTAL NCC EMSL-RTP	H L	22.92 4.66	168.66 9.39	89.36 156.82	B D	6.430 2.210	25.72 12.23	15.17 14.36	31.94 48.84	100	13381.	152.40
(OMTS) - ENVIRONMENTAL MONIT SPT LAB-CIN													
ST SUB-TOTAL DSI EMSL-CIN	H L	1.44 0.15	31.67 2.28	0.0 50.60	B D	0.110 0.060	0.0 0.0	112.20 112.20	1.39 1.30	0	3390.	47.50
ST SUB-TOTAL NCC EMSL-CIN	H L	0.20 1.69	9.12 2.72	1.51 17.26	B D	0.150 0.410	0.40 1.74	0.06 0.87	0.38 6.55	2	1067.	14.50

1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

A C T VN ID TR YR RI	ACTIVITY NAME	S E R V I C E	T E R M I N A L	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP VR PO EC S N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
(OMIS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB																
ST SUB-TOTAL OSI		H		4.42	189.83	72.20	B	2.060	0.0	340.70	13.13					
LV-OSI		L		0.43	10.11	133.40	D	0.170	0.0	478.30	5.66	0	3217.	179.20		
ST SUB-TOTAL NCC		H		0.10	3.32	4.78	B	1.120	1.80	0.0	1.81					
LV-NCC		L		0.00	0.00	0.08	D	0.0	0.0	0.0	0.0	1000	16.	2.70		
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO TOTALS																
IT TOTAL-OSI	OSI	H		6.26	244.79	72.20	B	2.240	0.0	531.60	15.50					
OMIS		L		0.63	13.18	251.70	D	0.240	0.0	634.30	7.44	0	7336.	242.30		
IT TOTAL-NCC	NCC	H		22.83	181.17	95.85	B	7.780	27.98	15.23	34.27					
OMIS		L		7.41	12.13	185.12	D	2.650	14.04	15.23	55.70	1102	14489.	170.33		
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ																
OFF. OF RSCH AND DEVEL (ORD) - TOTALS																
IT TOTAL-OSI	OSI	H		10.12	489.93	296.04	B	6.041	0.0	2355.30	46.29					
ORD		L		3.83	42.72	1130.45	D	0.890	0.0	2903.50	32.61	22	28543.	863.82		
IT TOTAL-NCC	NCC	H		184.24	1170.20	620.38	B	56.150	185.80	111.38	206.94					
ORD		L		102.14	91.47	2196.74	D	36.730	167.88	77.68	626.37	2253	151644.	1640.90		
REGION I - BOSTON-																
REGION I - BOSTON- TOTALS																
IT TOTAL-OSI	OSI	H		1.72	164.41	125.80	B	3.983	0.0	509.00	8.43					
REGION I		L		0.10	4.14	63.13	D	0.033	0.0	278.63	3.47	50	5398.	130.96		

1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME		MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC H		2.77		13.12	7.10	0.433	1.58	0.45	1.81			
REGION 1	L		0.51		0.38	14.06	0.143	0.47	0.10	1.59	17	1853.	6.44
REGION 2 - NEW YORK-													
REGION 2 - NEW YORK- TOTALS													
TT TOTAL-OSI	OSI H		2.45		164.00	119.30	1.543	0.0	757.30	12.78			
REGION 2	L		2.70		27.98	669.70	0.125	0.0	416.40	4.64	29	3268.	191.51
TT TOTAL-NCC	NCC H		0.32		22.21	14.94	1.993	5.00	3.38	5.49			
REGION 2	L		0.11		0.22	11.94	0.143	0.40	0.02	1.34	8	209.	14.70
REGION 3 - PHILADELPHIA-													
REGION 3 - PHILADELPHIA- TOTALS													
TT TOTAL-OSI	OSI H		2.81		1144.51	256.90	2.543	0.0	1142.10	20.12			
REGION-3			0.04		12.58	230.03	0.223	0.0	809.90	9.90	0	2782.	274.33
TT TOTAL-NCC	NCC H		3.80		63.58	19.66	2.443	5.66	2.34	6.82			
REGION-3			0.05		0.22	7.36	0.123	0.40	0.0	1.82	0	168.	15.20
REGION 4 - ATLANTA-													
REGION 4 - ATLANTA- TOTALS													
TT TOTAL-OSI	OSI H		13.77		930.80	426.29	3.463	0.0	1528.90	26.49			
REGION-4			0.94		13.75	310.01	0.403	0.0	906.23	10.46	0	12711.	400.56
TT TOTAL-NCC	NCC H		20.27		51.15	37.69	3.173	10.63	6.63	12.38			
REGION-4	L		18.39		0.79	22.47	0.113	2.58	1.05	11.19	0	2000.	47.20

PAGE NO. 12 — 1977 WORKLOAD DATA FOR SCENARIO 1.2, OR 3

ACTIVITY NAME	TYPE TRANS.	MONTHLY INPUT NUMBER	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-													
REGION 5 - CHICAGO- TOTALS													
TT TOTAL-OSI	OSI H	2.16	174.59	331.70	B	1.963	0.0	1060.30	16.73				
REGION-5	L	2.22	14.45	400.30	D	0.293	0.0	1228.20	13.68	0	8402.	342.90	
TT TOTAL-NCC	NCC H	44.27	276.40	50.06	B	9.330	23.48	13.71	24.63				
REGION-5	L	7.62	2.93	126.01	D	0.990	6.17	2.67	19.99	0	14600.	86.70	
REGION 6 - DALLAS													
REGION 6 - DALLAS TOTALS													
TT TOTAL-OSI	OSI H	5.05	235.47	291.90	B	1.873	0.0	986.30	14.98				
REGION-6	L	0.91	10.49	271.00	D	0.154	0.0	716.70	8.01	2	3081.	224.70	
TT TOTAL-NCC	NCC H	2.11	74.83	9.57	B	1.150	2.85	1.36	3.15				
REGION-6	L	0.00	0.01	0.47	D	0.0	0.32	0.01	0.05	0	110.	7.90	
REGION 7 - KANSAS CITY-													
REGION 7 - KANSAS CITY- TOTALS													
TT TOTAL-OSI	OSI H	3.05	50.63	215.80	B	0.923	0.0	691.70	9.03				
REGION-7	L	1.10	5.22	135.30	D	0.054	0.0	417.00	4.62	0	1359.	132.30	
TT TOTAL-NCC	NCC H	0.56	18.28	10.77	B	1.193	3.08	1.77	3.03				
REGION-7	L	0.09	0.19	11.96	D	0.053	0.92	0.21	2.69	0	438.	10.20	
REGION 8 - DENVER-													

1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	TYPE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: TYP YR PO EC E S S I T N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 9 - DENVER-TOTALS														
TT TOTAL-DSI DSI	H		1.45		104.50	111.60	B	1.543	0.0	496.30	10.04			
REGION-8	L		0.24		3.17	75.60	3	0.023	0.0	229.10	2.57	0	1361.	124.76
TT TOTAL-NCC NCC	H		3.24		30.36	16.48	B	1.953	5.29	1.60	7.33			
REGION-8	L		1.65		0.63	13.18	3	0.193	0.76	2.04	2.85	0	274.	17.69
REGION 9 - SAN FRANCISCO-														
REGION 9 - SAN FRANCISCO-TOTALS														
TT TOTAL-DSI DSI	H		0.71		122.02	55.20	B	1.743	0.0	733.80	12.22			
REGION-9	L		0.67		47.13	158.20	D	0.091	0.0	395.40	4.38	0	2595.	157.40
TT TOTAL-NCC NCC	H		1.09		40.61	15.16	B	2.083	4.94	27.66	5.04			
REGION-9	L		0.32		0.41	16.21	D	0.133	0.67	1.98	2.56	0	628.	13.53
REGION 10 - SEATTLE-														
REGION 10 - SEATTLE-TOTALS														
TT TOTAL-DSI DSI	H		4.58		262.14	159.20	B	1.153	0.0	528.50	8.56			
REGION 10	L		0.21		5.98	131.62	D	0.053	0.0	339.80	3.66	0	2999.	133.32
TT TOTAL-NCC NCC	H		1.39		3.61	3.23	B	0.553	1.13	0.38	1.35			
REGION 10	L		0.00		0.00	0.38	D	0.023	0.04	0.06	0.14	0	10.	2.52
STATE OFFICES														
STATE OFFICES-TOTALS														

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1977 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCPS (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-DSI DSI H		0.63		2.17	0.0	0.133	0.0	97.20	1.48			
STAFF DFF L		5.41		1.26	54.40	0.093	0.0	246.30	2.73	8	2107.	54.16
TT TOTAL-NCC NCC H		0.0		0.0	0.0	0.0	0.0	0.0	0.0			
STAFF DFF L		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0	0.	0.0

SECTION 4

PROJECTED ADP WORKLOAD TABLES

Section 2, Projection Methodology, discussed the individual components necessary to develop long term ADP projections and the methodology for bringing these components together. Section 3, Current ADP Activity Workload, presented the current baseline workload by organization and ADP activity. This section presents the application of the projection methodology on a system-by-system basis, for the periods 1979, 1981, 1985, and 1990. Projections are shown based on three different sets of assumptions about future conditions, i.e., three alternative scenarios. These projections were all made on the basis that ADP activities currently using central time-sharing will continue to use central time-sharing facilities, with the exception of those organizations which have already or plan in the near future to use local mini computers to reduce their time-sharing workload.

4.1 MANAGEMENT INTERVIEWS

As discussed in Section 2, interviews were conducted at all levels of management. Six assistant administrators (AA) were interviewed, one of which was a new AA. Interviews were also conducted in sixteen deputy assistant administrator offices, seven regional administrator offices, and eleven Office of Research and Development laboratories. Attempts were made to obtain information from the other managers but schedules did not always coincide. In the absence of direct meetings with the new EPA administrators, speeches and press releases were reviewed as well as other pertinent material that was made available. All of these inputs were essential in determining future trends in EPA activity and in the selection of

the factors which would be used to determine the future ADP considerations. The need to obtain and use these data in considering the EPA future was verified by discussions with ADP activity managers, when they stated that they could only project changes in their activity for two or three years into the future, with any degree of certainty. Longer term projections were based on changes in EPA budgets, program and mission priorities, legislation and management's position towards ADP.

When discussing the future of EPA and ADP with such a wide spectrum of management, it is obvious that there will not be complete agreement on any single issue. However, there were several major areas, all affecting ADP growth, on which management presented a consensus. EPA managers should be commended for presenting a completely objective view of the future without extreme emphasis on their own organization.

These areas are as follows:

- o EPA Growth. Almost all managers interviewed felt that EPA would experience a slow steady growth, but not spectacular, over the next ten to fifteen years. This opinion was supported by the recent increase in EPA personnel allocations, while almost all federal agencies were receiving no increase or asked to reduce personnel. Results were consistent with regards to the questions on public interest in the environment, new legislation and the importance of environmental issues in the current administration. The responses indicated that: the public interest was as strong as ever and probably stronger; adequate legislation currently exists, but refinement of this legislation is required; and the current administration views the environment as a very high priority. Management was also consistent in their views towards the impact on EPA of future crisis situations, which are addressed in scenarios 2 and 3. However, they did differ significantly on the degree of impact.

- ADP Utilization. Most managers felt that EPA would grow faster in terms of dollars than in personnel, thus, the growth of ADP to free scientists from tedious data reduction and calculations, would be essential. With this continued growth of program activity ADP support management was also seen as a growth area. In terms of applications, significant growth would take place in data analysis and modeling. Increased data sharing within EPA and with other federal agencies was seen as not only being desirable but an absolute necessity.

- Program/Mission Priorities. Consistently, managers identified the toxic substance and solid waste programs as the programs of extremely high priorities, particularly as we go into the 1980's. Also, water supply and pesticides have potential for substantial growth. The large existing Water Quality and Air Programs are expected to grow in the short term at a limited rate. Depending on the allocation of responsibility between agencies, the Energy R&D operations of EPA could grow substantially. In the mission area there was also consistency; regions and states would be given more responsibility; abatement and control would undergo short term high growth; enforcement would have steady growth; and research and development would become more important in the organization. There were two areas of conflict in the interviews: (1) would the multi-media approach in the toxic legislation continue throughout the entire EPA program; and, (2) would research and development be split in two groups to address short term and long term multi-media research. The responses in both of these areas was about split, with no general conclusion reached. Both those in favor and those opposed were strong in their feelings. The final position of EPA on both of these issues could have a major effect on increasing ADP usage.

4.2 DEVELOPMENT OF PROJECTION FACTORS

The management surveys conducted were designed to collect qualitative rather than pure quantitative data. Rather than ask questions dealing with percentages of growth, some questions were presented to obtain responses in terms of choices between "significant increase", "limited increase", "present level maintained", "limited decrease", "significant decrease". Other questions sought narrative support for the growth information provided.

As discussed in Section 2, information needs to be extracted from the management interviews to obtain quantitative factors in the areas of ADP usage, Program/Mission growth, and overall EPA growth. By analyzing the information from all surveys conducted, Informatics has made the initial translation to quantitative values which will be reviewed and finalized by EPA. Figure 4-1 shows the form utilized to display the factors data which has been developed.

One form has been developed for each Assistant Administrator Office with the Deputy Assistant Administrators (and lab Directors for ORD) within that organization presented. An additional form covers all Regional offices. On each form, separate entries are made for both the present and past AA and for all DAA's within the organization. An entry is also made to accommodate "Other Comments" wich encompasses the estimates of an organization's growth made by managers outside of that organization. A "Net Impact" results from a consideration of all comments applicable to an organization. For those offices where no interview could be scheduled, the office is listed and the phrase "No Impact" is shown. For these offices the "Net Impact" figures are used to perform the projections, unless otherwise indicated.

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET	CURRENT TIME SHARING BUDGET	SCENARIO	OVERALL EPA GROWTH				PROGRAM/REGION GROWTH				RELATIONSHIP OF ADP TO ORGAN PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	

Figure 4-1.

The first column on the form is entitled "Current Program Budget". This shows the total budget of each organization so that changes in ADP budget can be examined in light of an overall framework. The second column, "Current Time Sharing Budget" contains figures derived from the 1977 ADP Zero Base Budget.

For each office, the numbers "1", "2" and "3" appear under the column entitled "Scenario" and projection factors are shown for each line. The entries under "Scenario" indicate the individual factors for the three alternate scenarios applied.

Scenario 1, is the so-called "normal scenario" with no major changes in current activities. Scenario 2 represents the case in which EPA experiences growth higher than the rate currently anticipated, while Scenario 3 covers the case in which conditions transpire which are not favorable for EPA growth. Detailed descriptions of each scenario are contained in Sections 1 and 2.

The actual factors developed are displayed in the next four columns. The "EPA Growth", "Program/Mission Growth" and "Relationship of ADP to Organization" columns all are used to record factors used in the model. For each of these, values are shown for the three different time periods starting with 1981 and proceeding through 1985 and 1990. The figures shown are in percent/year with values assumed to be positive unless specifically shown with a minus sign. Narrative phrases which amplify the values can be input under the "Impact" heading.

The "ADP Application" column shows changes in the functional use of ADP within an organization. The five codes represent the following applications:

- o Data collection;
- o Data management;
- o Data analysis/modeling
- o Tracking and reporting;
- o Program support.

While these factors are not used directly in the model, they will be utilized to determine overall EPA trends. In addition, these figures could be utilized in applying growth to particular changes.

The final column on the form is used to record narrative as to changes in the use of common data files both within EPA and between agencies.

The methodology used to perform projections is the one described in Section 2. Since certain data gaps exist in both the ADP activity information and Management Projections, a modified approach had to be used in certain cases. One gap exists due to the fact that not all DAA's or Lab Directors could be interviewed. In these cases, the "Net Impact" values for the applicable organization are used for projections. As previously discussed, the 1979 projections are intended to be based on workload factors provided by the activity managers of that particular ADP activity. Various types of data deficiencies can occur in this approach. For some ADP activities, no workload projections were made. In these cases, if budget projections were made by the activity manager, these

figures were used to develop a factor which was applied to all 1977 components of workload to obtain 1979 projections. If budgets and workload projections varied greatly, judgements as to which should be used were made based on confidence factors expressed during the interviews. If workload and budget projections for an ADP Activity were both lacking, the short term (1981) factors developed by the Director under which the activity falls were used to develop a 1979 projection. These factors were also used to handle the other type of data gap, namely the projection of workload listed on the "Current Year Baseline" forms as "Other".

Several offices/ADP activities required special handling to develop projected workload. Since the current ADP workload for the Office of Toxic Substances is limited, the model could not be used. Instead budgets projected by OTS management were utilized to estimate future workloads. Two major ADP activities, RAPS and CHESS, within ORD were projected for termination thus, these and similar activities were "new starts" also required special treatment. The data available on these "new starts" includes a description of the type of activity and 1979 budget figures. Based on this information these developmental activities were projected as follows.

Existing ADP activities were examined to find ones which were similar in function and type of software, to the activities being developed. The budget ratios between the equivalent activities were then calculated and applied to workload for the existing activities to obtain 1979 workload estimates for the developmental activities. This 1979 baseline was then used in conjunction with management factors for the organization to develop the remaining projections.

The developmental activities (shown on left) and their counterpart existing ADP activities are as follows:

Office of Water Supply

Model State Information System - Pesticides Product Information System

Federal Reporting System - Trends Reports (Air and Waste Management)

Underground Injection Control - Pesticides Product Information System

OWS Analysis - STORET Analysis

Office of Research and Development

New Epidemiological Studies - CHESS

STATE - RAPS

Environmental Assessment Data System - Fine Particle Emissions Systems

Waste Water Data Base - Industry Profiles (OWPS)

BIOSTORET - STORET

4.3 FACTORS BY AA AREAS

The following tables provide projection factors for each organizational entity, presented on the "Management Projections of EPA Future" form, for all three scenarios and each time period.

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR PLANNING AND MANAGEMENT																					
ASSISTANT ADMINISTRATOR (NEW)				NO INPUT																	
ASSISTANT ADMINISTRATOR (OLD)	497.2		1	Ltd. growth	5	10	5	Low growth	2	2	2	Increase	5	4	2						
			2	High growth	10	15	10	Low growth	4	5	4	High incr.	10	10	10						Expanded
			3	New progs.	-5	-5	-5	No change	0	0	0	Low incr.	1	1	1						
OFFICE OF ADMINISTRATION	64,125.8	717.8	1	Moderate	5	5	5	Low growth	2	2	0	Increase	5	2	2	1	Low growth	2	0	0	
			2	Moderate	5	5	5	Growth	4	2	0	High incr.	8	4	2	2	High growth	5	3	1	Major
			3	Curr. level	0	0	0	No change	0	0	0	Level	0	0	0	3	Level	-	-	-	
																4	Level	-	-	-	Expansion
																5	Level	-	-	-	
OFFICE OF PLANNING AND EVALUATION	5,869.1	20.0	1	Grad. incr.	5	5	5	Low growth	5	5	5	High incr.	50	25	15	1	High growth	10	5	5	More
			2	Growth	10	15	10	Growth	10	10	10	Very high increase	100	50	25	2	Growth	4	2	2	Accessibility
			3	Decrease	-5	-5	0	Level	2	2	2	Increase	25	25	10	3	High growth	10	10	10	to
																4	Growth	4	2	2	More
																5	Growth	3	2	1	Users
OFFICE OF RESOURCE MANAGEMENT	6,238.3	835.2			NO INPUT																
OTHER COMMENTS	7,798.0		1	Growth	5	5	5	Low growth	3	3	3	Increase	4	4	2						
			2	Growth	10	10	10	Growth	5	5	5	High incr.	8	6	6						Expanded
			3	Growth	2	2	2	No change	0	0	0	Increase	2	2	1						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-BEARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ADMINISTRATOR																					
EPA ADMINISTRATOR								NO INPUT													
DEPUTY ADMINISTRATOR								NO INPUT													
OUTSIDE COMMENTS (OMB, CONGRESSIONAL COMMITTEE, OTHERS)								NO INPUT													
STAFF OFFICES	9,579.6	108.0						NO INPUT													
			1	Increase	5	5	5														
NET IMPACT	9,579.6	108.0	2	Increase	10	10	10														
			3	Increase	2	2	2														

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR ENFORCEMENT																					
ASSISTANT ADMINISTRATOR (NEW)				NO INPUT																	
ASSISTANT ADMINISTRATOR (OLD)	949.3		1	Growth	5	10	5	High growth	10	25	15	Increase	10	10	5						Increase Use by Regions and States
			2	Significant growth	10	10	10	Very high growth	25	50	25	Increase	20	15	10						
			3	Stable	0	0	0	Growth	10	15	10	Increase	10	10	5						
DAA FOR STATIONARY SOURCE/ PESTICIDES/TOXICS ENFORCEMENT	4,182.1	182.0	1	Growth	5	10	5	High growth	20	20	20	Increase	10	25	5	1	Increase	10	10	0	Expansion of Use By States
			2	High growth	10	10	10	Very high growth	25	50	25	Increase	20	100	10	2	Lrge. Incr.	25	25	10	
			3	Level	0	0	0	Growth	15	20	15	Increase	5	15	2	3	Level	-	-	-	
																4	Lrge. Incr.	25	25	10	
																5	Level	-	-	-	
DAA FOR WATER ENFORCEMENT	3,009.9	267.5	1	Steady growth	5	5	5	Low growth	5	5	5	Increase	10	10	5	1	Increase	10	5	2	Increased Data Exchange
			2	High growth	10	15	10	Growth	10	10	5	Increase	15	20	10	2	Increase	10	5	2	
			3	Cut	-5	-5	-5	Stable	2	2	0	Increase	5	10	5	3	Level	-	-	-	
																4	Lrge. Incr.	25	25	10	
																5	Level	-	-	-	
DAA FOR MOBILE SOURCE & NOISE ENFORCEMENT	3,708.9	180.0	1	Continued growth	5	5	5	High growth	10	25	10	Same	0	0	0	1	Growth	10	5	5	Growing Requirement
			2	High growth	15	10	5	Very high growth	20	25	10	Increase	4	4	2	2	High growth	25	25	10	
			3	Stable	2	2	2	Growth	5	10	5	Reduced	-5	-5	-5	3	Growth	10	5	5	
																4	Level	-	-	-	
																5	Level	-	-	-	

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR WATER AND HAZARDOUS MATERIALS																					
ASSISTANT ADMINISTRATOR (NEW)			1	High growth	10	10	5	Growth	7	7	5										Integrated Activities
			2	Very high growth	15	15	10	High growth	10	10	7										
			3	Growth	5	5	5	Growth	5	7	5										
ASSISTANT ADMINISTRATOR (OLD)	1,001.2		1	High growth	7	8	6	High growth	8	10	8	Increase	10	15	10						Expanded
			2	Very high growth	12	12	6	Very high growth	15	15	10	Increase	20	30	15						
			3	Growth	4	5	4	Growth	5	6	4	Increase	10	10	10						
DAA FOR WATER PLANNING AND STANDARDS	37,733.8	2,146.9	1	High growth	7	6	5	Growth	5	5	4	Increase	10	15	10	1	Level	-	-	-	Expanded Use By States
			2	Very high growth	12	10	8	High growth	8	8	6	Increase	15	20	15	2	Increase	10	10	5	
																3	Increase	10	10	10	
																4	Lge. Incr.	25	20	10	
			3	Growth	5	4	3	Growth	2	2	2	Increase	7	10	7	5	Increase	7	7	5	
DAA FOR WATER PROGRAM OPERATIONS	12,970.0	505.0	1	Limited growth	3	3	2	Growth	5	7	4	Increase	10	10	10	1	Level	-	-	-	Greater Interface With States
			2	Growth	5	5	3	High growth	10	8	4	Increase	15	10	10	2	Level	-	-	-	
																3	Increase	10	10	5	
																4	High Incr.	25	25	15	
			3	Level	0	0	0	Level	2	2	2	Increase	5	5	3	5	Level	-	-	-	
DAA FOR WATER SUPPLY	13,366.9		1	Growth	5	5	2	High growth	15	15	7	Increase	20	15	5	1	Level	-	-	-	Interface With Other Agencies Will Grow
																2	High Incr.	25	25	10	
			2	High growth	10	8	6	Very high growth	25	25	15	Increase	25	15	10	3	Increase	10	10	5	
																4	High Incr.	25	25	10	

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR AIR AND WASTE MANAGEMENT																					
ASSISTANT ADMINISTRATOR (NEW)						NO INPUT															
ASSISTANT ADMINISTRATOR (OLD)	1,581.2					NO INPUT															
OFFICE OF AIR QUALITY PLANNING AND STANDARDS	18,803.1	1,896.0	1	Slight Increase	3	4	2	Low growth	10	10	5	Level	-	-	-	1	Level	-	-	-	More State and Region Data Handling
			2	Increase	6	8	4	Growth	15	15	10	Level	-	-	-	2	Level	-	-	-	
																3	High Incr.	15	20	10	
			3	Decrease	-2	-2	0	Level	5	5	5	Level	-	-	-	4	Level	-	-	-	
																5	Level	-	-	-	
OFFICE OF MOBILE SOURCE AIR POLLUTION CONTROL	13,363.6	28.0	1	Increase	5	5	5	Growth	13	15	10	Level	-	-	-	1	Increase	5	5	5	Continue Trend
																2	Level	-	-	-	
			2	High Increase	10	10	7	High Growth	25	25	15	Level	-	-	-	3	Increase	7	10	7	
																4	Increase	5	10	5	
			3	Increase	3	3	2	Growth	10	8	5	Level	-	-	-	5	Level	-	-	-	
OFFICE OF NOISE ABATEMENT AND CONTROL	9,259.3	230.0	1	High growth	20	20	10	Growth	10	10	10	Level	-	-	-	1	Increase	25	25	15	Expansion of Local Data Bases With H.Q. Summary
																2	Increase	25	25	15	
			2	Very high growth	50	50	25	High growth	20	20	10	Level	-	-	-	3	Increase	25	25	15	
																4	Increase	15	15	10	
			3	High growth	10	10	10	Growth	5	5	5	Level	-	-	-	5	Increase	10	10	5	

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR PLANNING AND MANAGEMENT (CONT.)																					
			1	Ltd. growth	5	10	5	Low growth	2	2	2	Increase	4	4	3						
NET IMPACT	84,528.6	1,573.0	2	Growth	10	15	10	Growth	4	5	4	High incr.	6	4	3						Expanded
			3	No change	0	0	0	Level	1	1	1										

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET	CURRENT TIME SHARING BUDGET	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR TOXIC SUBSTANCES																					
ASSISTANT ADMINISTRATOR (NEW)						NO INPUT															
ASSISTANT ADMINISTRATOR (OLD)			1	Growth	5	5	5	Very high growth	300	300	300	Increase	200	200	200						Classified Data
			2	High growth	15	15	10	Extreme growth	500	500	500	Increase	500	500	500						
			3	Growth	3	3	3	Very high growth	200	200	200	Increase	200	200	200						
OFFICE OF TOXIC SUBSTANCES (PROGRAM INTEGRATION/INFO.)	6,103.0	100.0				NO INPUT															
DAA FOR PESTICIDE PROGRAM	22,294.0	1,280.0				NO INPUT															
OTHER COMMENTS (TOXICS AREA)			1	Growth	5	5	5	Top priority	500	500	500	Extreme increase	800	800	800						Some Common Use Data
			2	High growth	10	10	10	Top priority	800	800	800	Extremely high	800	800	800						
			3	Growth	5	5	5	Top priority	300	300	300	Extreme increase	800	800	800						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR RESEARCH AND DEVELOPMENT																					
ASSISTANT ADMINISTRATOR (NEW)				NO INPUT																	
ASSISTANT ADMINISTRATOR (OLD)	169,336.3	94.0	1	Low growth	3	3	3	Decline	-5	-5	-5	Increase	15	10	10						High
			2	Growth	6	6	5	Low growth	5	5	5	Increase	25	25	15						Interaction
			3	Decline	-2	-2	-2	High decline	-10	-10	-10	Increase	10	10	10						
OFFICE OF AIR, LAND, AND WATER USE	17,236.4	14.5	1	Limited growth	3	3	3	Growth	10	10	10	Level	-	-	-	1	Increase	10	10	10	
			2	Growth	8	8	6	Growth	15	20	15	Increase	10	10	10	2	Increase	10	10	10	No
																3	Increase	10	10	10	Comment
																4	Level	-	-	-	
			3	Level	0	0	0	Growth	5	5	5	Level	-	-	-	5	Increase	10	10	10	
ENVIRONMENTAL SCIENCE RESEARCH LABORATORY RTP, N.C.		909.9	1	Continued growth	5	5	5	Growth	5	5	5	Increase	25	25	25	1	Decline	-25	-25	-10	
			2	High growth	10	10	10	Growth	10	10	10	Increase	50	50	50	2	Level	-	-	-	Expanded
																3	Increase	25	25	15	
																4	Level	-	-	-	Use
			3	Growth	3	3	3	Level	0	0	0	Increase	10	10	5	5	Level	-	-	-	

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR ENFORCEMENT (CONT.)																					
OTHER COMMENTS	2,745.0		1	Growth	2	2	2	Growth	5	5	5	Increase	5	10	5						
			2	Continuing growth	5	5	5	High growth	10	10	10	Increase	15	25	10						Increase
			3	Level	0	0	0	Growth	2	2	2	Increase	2	5	0						
NET IMPACT	14,595.2	629.5	1	Growth	5	10	5	High growth	10	20	10	Increase	10	10	5						
			2	High growth	10	10	10	Very high	20	30	20	Increase	20	20	10						Increase
			3	Level	0	0	0	Growth	10	15	10	Increase	10	10	5						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAMS				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR RESEARCH AND DEVELOPMENT (CONT. PAGE 3)																					
OFFICE OF ENERGY, MINERALS AND INDUSTRY	8,828.7	878.7	1	Slight growth	3	3	2	Very high growth	30	30	25	Slight growth	10	10	10	1	Level	-	-	-	
																2	Increase	15	15	10	
			2	Growth	10	8	6	Extreme growth	50	50	40	High growth	25	25	25	3	Increase	20	20	15	None Envisioned
																4	Level	-	-	-	
			3	Level	0	0	0	High growth	25	25	20	Slight growth	5	5	5	5	Level	-	-	-	
INDUSTRIAL ENVIRONMENTAL RESEARCH LABORATORY RTP, N. C.		156.3	1	Slight growth	3	3	2	Growth	5	5	5	Increase	20	20	10	1	Level	-	-	-	
																2	Level	-	-	-	
			2	Growth	5	5	5	Growth	10	10	10	Increase	20	20	10	3	Level	-	-	-	Expanded Use
																4	Level	-	-	-	
			3	Decline	-2	-2	-2	Growth	5	5	5	Increase	10	10	10	5	Level	-	-	-	
INDUSTRIAL ENVIRONMENTAL RESEARCH LABORATORY CINCINNATI, OHIO		25.0	1	Low growth	3	3	3	Growth	10	10	10	Increase	20	20	15	1	Level	-	-	-	
																2	Level	-	-	-	More and More Usage
			2	Growth	6	6	6	High growth	15	25	15	Increase	25	20	15	3	Increase	15	25	15	
																4	Level	-	-	-	
			3	Level	0	0	0	Growth	5	10	15	Increase	15	10	5	5	Increase	10	10	5	
NET IMPACT ENERGY, MINERALS AND INDUSTRY	8,828.7	860.0	1	Gradual increase	3	3	3	Very high growth	20	20	20	Increase	20	20	10						
			2	Increase	10	8	6	Very high growth	40	40	30	Increase	25	20	15						Expanded Use
			3	Level	0	0	0	High growth	20	20	15	Increase	10	10	10						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/REGION GROWTH				RELATIONSHIP OF ADP TO ORGAN PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR WATER AND HAZARDOUS MATERIALS (CONT.)																					
DAA FOR WATER SUPPLY (CONT.)			3	Growth	3	3	2	High growth	10	10	10	Increase	15	10	0	5	Level	-	-	-	
OFFICE OF SOLID WASTE	8,588.0	145.0				NO INPUT															
OTHER COMMENTS			1	Growth	5	5	5	Growth	7	8	4	Increase	10	15	5						
			2	High growth	10	10	5	High growth	12	15	7	Increase	20	25	10						Expand
			3	Growth	3	2	2	Growth	4	3	2	Increase	10	10	8						
NET IMPACT	73,659.9	2,796.9	1	High growth	8	8	4	Growth	7	8	5	Increase	10	15	10						
			2	Very high growth	12	10	5	High growth	12	10	7	Increase	20	25	15						Expanded Use
			3	Growth	6	4	3	Growth	5	6	4	Increase	10	15	8						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET ($000)	CURRENT TIME SHARING BUDGET ($000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF AEP TO ORGAN. PROGRAM				AEP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY 81	85	90	IMPACT	VALUE YEARLY 81	85	90	IMPACT	VALUE YEARLY 81	85	90	CODE	IMPACT	VALUE 81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR RESEARCH AND DEVELOPMENT (CONT. PAGE 8)																					
ENVIRONMENTAL RESEARCH LABORATORY DULUTH, MINN.		13.0		NOT VISITED																	
ENVIRONMENTAL RESEARCH LABORATORY GROSSE ILE, MICH.		220.0	1	Growth	5	5	5	Major Increase	300	10	10	Increase	50	50	25	1	Increase	25	25	20	Use By States and Others
			2	Growth	10	10	10	Major Increase	500	25	25	Increase	100	75	50	2	Level	-	-	-	
			3	Growth	2	2	2	Increase	100	10	10	Increase	25	25	25	3	High Incr.	50	25	25	
																4	Level	-	-	-	
																5	Level	-	-	-	
ENVIRONMENTAL RESEARCH LABORATORY WEST KINGSTON R.I.		26.0		NOT VISITED																	
ENVIRONMENTAL RESEARCH LABORATORY GULF BREEZE, FLA.		42.5		NOT VISITED																	
NET IMPACT	31,573.7	1,383.3	1	Growth	4	4	4	Growth	5	10	5	Increase	15	15	10						
			2	Growth	6	6	6	Growth	10	15	10	Increase	25	25	20						
HEALTH AND ECOLOGICAL EFFECTS			3	Growth	0	0	0	Growth	3	3	3	Increase	15	15	10						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT STAF SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR AIR AND WASTE MANAGEMENT (CONT.																					
OFFICE OF RADIATION PROGRAMS	4,880.3	98.5	1	Slight growth	3	3	0	Growth	15	15	10	Level	-	-	-	1	Increase	10	10	5	Data
			2	High growth	8	8	4	High growth	25	25	15	Level	-	-	-	2	Level	-	-	-	Base
			3	Level	0	0	0	Growth	10	10	5	Level	-	-	-	3	Increase	10	10	5	Transfer
																4	Level	-	-	-	Between
																5	Increase	10	10	5	Agencies
OTHER COMMENTS			1	Growth	10	10	7	Growth	15	15	10	Increase	10	15	10						
			2	High growth	20	20	15	High growth	25	25	15	Increase	20	30	20						Higher Usage
			3	Growth	10	7	5	Growth	10	10	10	Increase	10	10	10						
NET IMPACT	47,887.5	2,252.5	1	Growth	10	10	7	Growth	10	10	10	Increase	10	10	10						
			2	High growth	15	15	15	High growth	20	20	20	Increase	15	15	10						Higher Usage
			3	Growth	5	8	8	Growth	10	10	10	Increase	10	10	10						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR RESEARCH AND DEVELOPMENT (CONT. PAGE 7)																					
OTHER COMMENTS			1	Growth	5	5	5	High growth	25	25	25	Increase	25	25	25						
			2	High growth	10	10	10	High growth	50	50	50	Increase	50	50	50						
			3	Growth	3	3	3	Growth	15	20	15	Increase	20	20	20						
NET IMPACT ORD	242,885.5	3,718.4	1	Growth	5	5	5	Growth	20	20	20	Increase	25	25	25						Major Expanded Usage
			2	Growth	10	10	10	Growth	30	30	30	Increase	40	30	30						
			3	Growth	5	5	5	Growth	15	15	15	Increase	20	20	20						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET	CURRENT TIME SHARING BUDGET	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR TOXIC SUBSTANCES (CONT. PAGE 2)																					
NET IMPACT (TOXICS AREA)	28, 397.0	1, 380.0	1	Growth	5	5	5	Expand	500	500	500	ADP Dependent	800	800	800						Some Usage
			2	High growth	10	10	10	Expand	800	800	800	Extreme	800	800	800						
			3	Growth	5	5	5	Expand	300	300	300	Extreme	800	800	800						
NET IMPACT (PESTICIDES)			1	High growth	8	8	4	Growth	7	8	5	Increase	10	15	10						Expanded Use
			2	Very high growth	12	10	5	High growth	12	10	7	Increase	20	25	15						
			3	Growth	5	6	4	Growth	5	6	4	Increase	10	15	5						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
REGIONAL OFFICES (CONT. PAGE 2)																					
			1	Growth	7	7	7	Growth	15	20	10	Increase	10	10	10	1	Level	-	-	-	
																2	Level	-	-	-	More
DALLAS	1,663.9	137.1	2	Growth	10	10	10	Growth	25	20	15	Increase	20	20	20	3	Increase	15	10	10	Use
																4	Level	-	-	-	
			3	Growth	5	5	5	Growth	10	10	10	Increase	5	5	5	5	Level	-	-	-	
			1	Minimal growth	2	2	2	Growth	10	10	5	Level	2	2	2	1	Increase	10	10	5	
																2	Increase	10	10	5	Some
KANSAS CITY	1,544.4	209.7	2	Growth	5	5	5	Growth	20	15	10	Level	5	5	5	3	Increase	10	10	5	New
																4	Increase	10	10	5	Activities
			3	Reduction	-2	-2	-2	Growth	5	5	5	Level	0	0	0	5	Increase	10	10	5	
DENVER	1,553.7	132.0				NO INPUT															
SAN FRANCISCO	1,817.0	236.0				NO INPUT															

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR RESEARCH AND DEVELOPMENT (CONT. PAGE 2)																					
MUNICIPAL ENVIRONMENTAL RESEARCH LABORATORY CINCINNATI, OHIO		67.8	1	Increase	5	5	5	Level	5	5	5	Increase	15	15	10	1	Level	-	-	-	
			2	High increase	10	10	10	Level	10	10	10	Increase	25	25	15	2	Level	-	-	-	Greatly
																3	Increase	25	25	20	
			3	Level	0	0	0	Decline	-5	-5	-5	Increase	10	10	10	4	Level	-	-	-	Increased
																5	Level	-	-	-	
ROBERT S. KERR ENVIRONMENTAL RESEARCH LABORATORY ADA, OK.		5.2		NOT VISITED																	
ENVIRONMENTAL RESEARCH LABORATORY ATHENS, GA.		262.0		NO INPUT																	
NET IMPACT AIR, LAND, AND WATER USE	17,236.4	1,352.5	1	Limited growth	3	3	3	Growth	5	5	5	Increase	15	15	10						Expanded Use
			2	Growth	8	8	6	Growth	15	20	15	Increase	25	25	10						
			3	Level	0	0	0	Decline	-5	-5	-5	Increase	10	10	10						

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR RESEARCH AND DEVELOPMENT (CONT. PAGE 4)																					
OFFICE OF HEALTH AND ECOLOGICAL EFFECTS	31,573.7	62.5	1	Modest growth	3	3	3	Growth	10	10	10	Increase	15	15	10	1	Level	-	-	-	More Usage By Other Agencies
			2	Growth	5	5	5	Growth	20	20	15	Increase	25	25	20	2	Increase	10	10	10	
																3	High incr.	25	25	25	
																4	Level	-	-	-	
			3	Level	0	0	0	Growth	5	5	5	Increase	15	15	10	5	Level	-	-	-	
HEALTH EFFECTS RESEARCH LABORATORY RTP, N.C.		927.4	1	Growth	5	5	5	Growth	10	10	5	Increase	15	15	10	1	Level	-	-	-	Available to Other Users
			2	Growth	10	10	10	High growth	25	20	10	Increase	25	25	20	2	High incr.	25	25	15	
																3	Level	-	-	-	
																4	Level	-	-	-	
			3	Growth	3	3	3	Growth	5	5	2	Increase	10	10	10	5	Increase	10	10	10	
HEALTH EFFECTS RESEARCH LABORATORY CINCINNATI, OHIO		87.5	1	Constant growth	3	3	3	Mixed	5	5	5	Increase	15	15	10	1	Level	-	-	-	*
			2	Growth	6	6	6	Growth	8	8	8	Increase	25	25	20	2	Increase	10	10	5	
																3	Increase	15	10	10	Expansion
																4	Level	-	-	-	
			3	Level	0	0	0	Level	0	0	0	Increase	10	10	10	5	Level	-	-	-	
ENVIRONMENTAL RESEARCH LABORATORY CORVALLIS, OR.		54.4	1	General growth	5	5	5	High growth	25	15	10	Decrease	-30	-	-	1	Level	-	-	-	Major Expansion
			2	Growth	10	10	10	Very high growth	40	30	15	Decrease	-30	-	-	2	Increase	10	10	10	
																3	High incr.	25	25	20	
																4	Level	-	-	-	
			3	Limited growth	3	3	3	Growth	10	10	10	Decrease	-30	-	-	5	Level	-	-	-	

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
OFFICE OF THE ASSISTANT ADMINISTRATOR FOR RESEARCH AND DEVELOPMENT (CONT. PAGE 6)																					
OFFICE OF MONITORING AND TECHNICAL SUPPORT	15,910.4	15.0	1	Low growth	2	2	2	Level	10	10	10	Increase	20	20	20	1	Increase	20	20	10	Increased Data Sharing
			2	Growth	7	7	7	Growth	25	25	20	Increase	30	30	30	2	Level	-	-	-	
			3	Level	0	0	0	Level	0	0	0	Increase	10	10	10	3	High Incr.	40	30	20	
																4	Level	-	-	-	
																5	Level	-	-	-	
ENVIRONMENTAL MONITORING AND SUPPORT LABTY. RTP, N.C.		82.0	1	Low growth	3	3	3	Growth	10	10	10	Increase	50	30	10	1	Increase	25	25	10	Increased Utility
			2	Growth	6	6	6	Growth	25	25	20	Increase	50	30	10	2	Increase	25	25	10	
			3	Level	0	0	0	Growth	5	5	5	Increase	25	25	25	3	Increase	40	30	30	
																4	Level	-	-	-	
																5	Increase	10	10	10	
ENVIRONMENTAL MONITORING AND SUPPORT LABTY. CINCINNATI, OHIO		92.6	1	Growth	5	5	5	Growth	10	10	10	Increase	10	10	5	1	Level	-	-	-	Number and Quality of Files Will Increase
			2	Growth	10	10	10	Growth	20	20	20	Increase	20	20	10	2	Level	-	-	-	
			3	Growth	3	3	3	Growth	5	5	5	Increase	10	10	5	3	Level	-	-	-	
																4	Level	-	-	-	
																5	Increase	20	20	20	
ENVIRONMENTAL MONITORING AND SUPPORT LABTY. LAS VEGAS, NEV.		233.0	1	Current Level	3	3	3	Growth	10	10	10	Increase	25	25	15	1	Level	-	-	-	More Information Available
			2	Increase	10	10	10	Growth	25	25	25	Increase	25	25	15	2	Level	-	-	-	
			3	Current level	0	0	0	Growth	10	10	10	Increase	20	20	20	3	Level	-	-	-	
																4	Level	-	-	-	
																5	Level	-	-	-	
NET IMPACT MONITORING AND TECHNICAL SUPPORT	15,910.4	422.6	1	Low growth	3	3	3	Growth	10	10	10	Increase	20	20	20	1	Increase	20	20	10	Expanded Use
			2	Growth	7	7	7	Growth	25	25	20	Increase	30	30	30	2	Level	-	-	-	
			3	Level	0	0	0	Growth	10	10	5	Increase	10	10	10	3	Increase	25	25	25	
																4	Level	-	-	-	
																5	Level	-	-	-	

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
REGIONAL OFFICES																					
BOSTON	1,757.0	176.0				NO INPUT															
NEW YORK	2,965.5	224.0	1	Increase	5	5	5	Increase	20	20	20	Increase	10	10	5	1	Increase	10	5	5	
			2	Increase	10	10	10	Increase	30	30	30	Increase	15	15	5	2	Increase	10	5	5	Major
			3	Increase	2	2	2	Increase	10	10	10	Increase	2	2	2	3	Increase	15	10	10	Increase
																4	Increase	10	5	5	
																5	Increase	10	5	5	
PHILADELPHIA	2,211.8	401.0	1	Growth	5	5	5	Growth	20	20	20	Increase	10	10	10	1	Level	5	5	5	
			2	Growth	10	10	10	High growth	25	25	25	Increase	15	15	15	2	Level	15	10	10	
			3	Growth	3	2	2	Growth	10	10	10	Increase	5	5	5	3	Level	15	20	20	Major
																4	Level	15	15	15	Increase
																5	Level	20	25	25	
ATLANTA	2,176.1	782.7	1	Growth	5	5	5	High	20	20	10					1	High incr.	25	20	10	
			2	Growth	8	8	8	Increase High	25	25	15	NO				2	Increase	10	10	5	
			3	Growth	3	3	3	Increase Increase	10	10	10	RESPONSE				3	Increase	5	5	5	Major
																4	Level	-	-	-	Increase
																5	Increase	10	5	5	
CHICAGO	2,477.5	368.5	1	Growth	8	7	6	High	20	20	10	Slight Increase	5	5	5	1	Level	-	-	-	
			2	High growth	10	10	7	Very high growth	30	20	20	Increase	10	10	5	2	Increase	10	10	5	More
			3	Growth	4	3	3	Growth	10	10	10	Level	0	0	0	3	Increase	10	10	5	Use
																4	Increase	10	10	5	By
																5	Level	-	-	-	States

MANAGEMENT PROJECTIONS OF EPA FUTURE

ORGANIZATION	CURRENT PROGRAM BUDGET (000)	CURRENT TIME-SHARING BUDGET (000)	SCENARIO	OVERALL EPA GROWTH				PROGRAM/MISSION GROWTH				RELATIONSHIP OF ADP TO ORGAN. PROGRAM				ADP APPLICATION					ANTICIPATED USE OF COMMON DATA FILES
				IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			IMPACT	VALUE YEARLY			CODE	IMPACT	VALUE			
					81	85	90		81	85	90		81	85	90			81	85	90	
REGIONAL OFFICES (CONT. PAGE 3)																					
SEATTLE	1,390.9	200.0	1	Modest growth	5	5	3	High increase	20	20	10	Increase	10	10	5	1	Level	-	-	-	Use By Regions and States
			2	Growth	10	10	5	Very high increase	30	30	20	Increase	15	10	5	2	Level	-	-	-	
			3	Level	2	2	2	Increase	10	10	5	Increase	5	5	5	3	High Incr.	25	20	15	
																4	Increase	10	10	10	
																5	Increase	5	5	5	
OTHER COMMENTS			1	Growth	5	5	5	Growth	15	10	10	Increase	10	10	10						
			2	Growth	10	10	10	Growth	25	20	15	Increase	15	15	15						
			3	Growth	2	2	2	Growth	10	5	5	Increase	5	5	5						
NET IMPACT	19,557.8	2,867.0	1	Growth	5	5	5	Growth	20	20	10	Increase	10	10	10						More Use By States and Regions
			2	Growth	10	10	10	Growth	30	30	20	Increase	15	15	15						
			3	Growth	2	2	2	Growth	10	10	10	Increase	5	5	5						

4.4 PROJECTED WORKLOAD TABLES

The following tables provide a summary by organization (DAA) of detailed workload data. These data are presented in a format similar to that of the "Current Year Baseline Workload".

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	SUB-ACTIVITY TYPE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)- OFF. OF ADMINISTRATION (OA)													
ST SUB-TOTAL OSI	H	7.14	894.76	622.54	B	2.700	0.0	3222.10	38.85				
OSI-OA	L	3.28	42.02	307.32	D	0.543	0.0	2968.40	24.49	46	29805.	1119.36	
ST SUB-TOTAL NCC	H	26.67	70.81	28.35	B	4.137	12.54	10.62	14.15				
NCC-OA	L	4.60	6.20	167.01	D	1.923	9.89	7.58	34.55	4	8908.	93.71	
(OPM)- OFF. OF PLANNING AND EVAL. (OPE)													
ST SUB-TOTAL OSI	H	0.21	24.15	0.50	B	0.353	0.0	207.00	3.33				
OSI-OPE	L	0.28	3.87	86.40	D	0.0	0.0	120.10	1.34	0	2104.	50.60	
ST SUB-TOTAL NCC	H	0.52	87.69	12.10	B	0.875	5.25	1.95	5.88				
NCC-OPE	L	0.03	0.11	3.69	D	0.025	0.17	0.05	0.71	0	199.	9.37	
(OPM)- OFF. OF RESOURCE MGT. (ORM)													
ST SUB-TOTAL OSI	H	95.77	920.14	330.00	B	10.300	0.0	5020.10	88.76				
OSI-ORM	L	1.90	14.93	1011.10	D	0.430	0.0	1497.00	26.81	747	39568.	1017.44	
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
NCC-ORM	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3	
(OPM)- TOTALS													
TT TOTAL-OSI OSI	H	103.13	1840.33	923.04	B	13.353	0.0	8449.20	130.94				
OPM	L	5.47	60.94	1937.32	D	0.973	0.0	4616.00	52.74	793	71478.	2188.20	
TT TOTAL-NCC NCC	H	26.19	158.50	40.45	B	5.012	17.79	12.57	20.03				
OPM	L	4.83	6.31	170.70	D	1.953	10.06	7.63	35.26	4	9107.	103.38	
OFF. OF ENFORCEMENT (OE)- OFF. OF GENERAL ENFORCEMENT (OGE)													

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S I M U L A T I O N	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TYPE PROCESSING	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H	14.85	177.93	338.10	B	5.849	0.0	3125.74	46.60					
OSI-OGE	L	4.05	18.02	397.87	D	0.347	0.0	1209.33	13.36	155	22395.	561.61		
ST SUB-TOTAL NCC	H	0.14	52.38	5.16	B	0.605	3.33	1.53	3.36					
NCC-OGE	L	0.03	0.10	8.58	D	0.0	0.15	0.04	0.57	0	4.	1.33		
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)														
ST SUB-TOTAL OSI	H	9.32	352.40	0.0	B	3.063	0.0	1678.20	23.62					
OSI-OWE	L	1.01	0.69	87.10	D	0.023	0.0	224.40	2.49	0	20646.	292.70		
ST SUB-TOTAL NCC	H	0.0	0.08	0.0	B	0.0	0.0	0.0	0.0					
NCC-OWE	L	0.00	0.00	0.28	D	0.0	0.0	0.0	0.01	0	0.	0.3		
(ON)-- OFF. OF NOISE SOURCE AND NOISE ENF. (ONSNE														
ST SUB-TOTAL OSI	H	2.10	6.06	0.0	B	0.865	0.0	534.23	12.07					
OSI-ONSNE	L	2.48	7.91	432.33	D	0.199	0.0	840.94	9.53	83	9962.	198.67		
ST SUB-TOTAL NCC	H	0.69	1.64	4.86	B	0.275	1.24	0.53	1.38					
NCC-ONSNE	L	0.11	0.23	13.57	D	0.129	0.33	0.09	1.06	13	3153.	67.56		
OFF. OF ENFORCEMENT- TOTALS														
TT TOTAL-OSI OSI	H	26.30	536.75	338.10	B	9.784	0.0	5350.96	82.43					
OE	L	7.54	26.63	917.50	D	0.559	0.0	2274.97	25.39	238	53029.	1053.88		
TT TOTAL-NCC NCC	H	1.04	64.09	10.02	B	0.880	4.57	2.06	4.74					
OE	L	0.15	0.33	20.43	D	0.128	0.48	0.13	1.64	13	3157.	68.56		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)														
ST SUB-TOTAL OSI	H	0.78	0.26	0.0	B	5.013	0.0	2023.20	33.39					
OSW-OSI	L	0.71	6.57	133.70	D	3.853	0.0	940.40	10.41	0	10738.	393.93		

PAGE NO. 33 — 1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S I R V I C E	T S R U P E	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	P/R/D/E/S/I/N/G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H		0.07	9.23	0.94	B	0.090	0.23	0.0	0.27					
OSH-NCC	L		0.14	0.17	6.71	D	0.045	0.27	0.0	1.21	0	158.	2.70		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)															
ST SUB-TOTAL OSI	H		25.20	121.74	416.97	B	11.350	0.0	5383.70	87.63					
OWPS-OSI	L		3.66	52.49	1501.80	D	2.130	0.0	1976.10	23.56	1115	84676.	1201.50		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
OWPS-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	14.	0.34		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)															
ST SUB-TOTAL OSI	H		56.80	303.44	0.0	B	4.410	0.0	4114.60	52.76					
OWPO-OSI	L		3.73	27.15	1134.10	D	0.872	0.0	2892.20	32.21	292	31364.	937.10		
ST SUB-TOTAL NCC	H		0.0	10.64	0.0	B	0.0	0.0	0.0	0.0					
OWPO-NCC	L		0.32	3.54	18.79	D	0.827	2.35	2.45	8.88	0	938.	14.26		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)															
ST SUB-TOTAL OSI	H		4.71	117.92	36.90	B	2.330	0.0	693.60	9.48					
OWS-OSI	L		0.45	9.64	131.50	D	0.720	0.0	358.00	3.91	227	11700.	225.30		
ST SUB-TOTAL NCC	H		637.84	75.33	67.20	B	4.956	21.79	2.28	26.11					
OWS-NCC	L		5.45	4.23	123.07	D	2.934	9.94	1.94	35.68	14	13200.	115.33		
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS															
TT TOTAL-OSI OSI	H		86.99	543.37	453.87	B	23.573	0.0	12215.09	183.26					
OWHM	L		8.55	95.96	2661.10	D	4.572	0.0	5166.70	70.09	1634	138478.	2757.43		
TT TOTAL-NCC NCC	H		637.91	95.20	56.14	B	5.046	22.02	2.28	26.38					
OWHM	L		5.91	7.94	148.57	D	3.775	12.56	4.39	45.77	14	14310.	132.33		

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME		MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPYR PD EC	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF AIR QUAL PLANNING AND STNDRDS (OA														
ST SUB-TOTAL OST	H		5.08		5.07	0.0	B	0.130	0.0	197.00	2.40			
OAQPS-OST	L		0.07		1.00	0.0	D	0.030	0.0	96.50	1.07	0	449.	43.80
ST SUB-TOTAL NCC	H		755.34		1004.69	1134.45	B	164.105	463.41	305.64	511.53			
OAQPS-NCC	L		46.57		86.38	2150.77	D	38.151	152.16	64.92	605.08	1513	130887.	2136.52
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O														
ST SUB-TOTAL OST	H		0.10		1.65	0.0	B	0.030	0.0	27.10	0.34			
OMSAP-OST	L		0.05		0.78	17.30	D	0.0	0.0	28.50	0.32	0	45.	8.50
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OMSAP-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF NOISE ABATEMENT AND CONTROL (ONAC														
ST SUB-TOTAL OST	H		0.04		33.67	0.0	B	2.230	0.0	286.20	13.19			
ONAC-OST	L		0.10		13.04	161.00	D	0.120	0.0	373.50	4.17	0	3848.	149.40
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ONAC-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)														
OFF. OF RADIATION PROGRAMS (ORP)-														
ST SUB-TOTAL OST	H		0.39		45.69	8.47	B	0.305	0.0	133.00	2.74			
ORP-OST	L		0.22		24.03	333.90	D	0.071	0.0	479.40	5.30	43	3128.	94.30
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ORP-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)-														
TOTALS														

PAGE NO. 0' 1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

A C T I VI IV IU IM YB	ACTIVITY NAME	S F R V E P F C P I E R	MONTHLY INPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP YR PD EC E S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UN.VAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-OSI	OSI	H	6.77	92.13	8.47	B	3.035	0.0	719.40	20.61					
	OWM	L	0.48	39.45	482.20	D	0.221	0.0	1022.90	11.37	43	7502.	313.10		
TT TOTAL-NCC	NCC	H	755.34	1804.79	1105.15	B	164.105	463.43	305.64	511.54					
	OWM	L	46.58	86.39	2151.22	D	38.161	152.18	64.92	605.14	1513	130894.	2136.77		
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PRGM. INTEGRATION/INFO															
ST SUB-TOTAL	OSI	H	10.05	47.49	225.00	B	11.079	0.0	3271.70	44.36					
-OSI		L	0.17	7.93	132.84	D	0.633	0.0	1073.40	16.31	106	11021.	950.30		
ST SUB-TOTAL	NCC	H	1.10	51.22	41.35	B	8.728	20.06	14.62	22.88					
-NCC		L	0.53	1.40	32.42	D	0.419	2.05	1.18	8.35	96	5376.	75.30		
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PESTICIDE PROGRAMS (OPP)															
ST SUB-TOTAL	OSI	H	49.73	1450.15	283.10	B	34.053	0.0	3500.90	80.25					
OPP-OSI		L	2.31	72.28	538.20	D	1.474	0.0	3176.80	35.19	917	38915.	1132.30		
ST SUB-TOTAL	NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
OPP-NCC		L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF TOXIC SUBSTNCS (OTS)- TOTALS															
TT TOTAL-OSI	OSI	H	59.78	1497.64	508.10	B	49.127	0.0	6772.60	124.61					
OTS		L	2.48	80.21	941.04	D	2.134	0.0	4250.20	51.50	1023	49936.	2082.33		
TT TOTAL-NCC	NCC	H	1.10	51.22	41.35	B	8.728	20.06	14.62	22.88					
OTS		L	0.53	1.40	32.42	D	0.419	2.05	1.18	8.35	96	5376.	75.30		
OFF. OF RSCH AND DEVEL (ORD)- OFF. OF AIR LAND AND WATER USE (OALAU)-															
(OALAU) - ENV. SCIENCES RSCH LAB-RTP															

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY	S E R V I C E	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPL YR PROC EC S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSE	H	0.0	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ESRL-OSE	L	0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3
ST SUB-TOTAL NCC	H	101.47	460.45	294.66	B	54.857	87.57	49.72	86.14				
ESRL-NCC	L	87.42	50.39	1391.96	D	26.997	119.79	58.02	472.15	52	74268.	1052.55
(DALWU)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)														
ST SUB-TOTAL OSE	H	0.61	8.39	0.0	B	0.163	0.0	107.87	1.59				
MERL-OSE	L	0.38	4.04	96.66	D	0.142	0.0	264.41	3.03	3	1703.	51.70
ST SUB-TOTAL NCC	H	0.10	12.46	0.31	B	0.030	0.06	0.01	0.07				
MERL-NCC	L	0.21	2.03	20.21	D	0.135	2.35	2.58	7.86	0	750.	24.45
ADA ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL OSE	H	0.03	1.33	56.80	B	0.053	0.0	40.60	0.57				
ADA-OSE	L	0.00	0.09	1.70	D	0.0	0.0	7.10	0.38	0	2.	11.70
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ADA-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3
(DALWU)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL OSE	H	0.29	9.95	90.35	B	0.053	0.0	166.90	3.16				
ATHEN-OSE	L	0.30	5.96	116.00	D	0.133	0.0	200.00	2.41	0	5400.	104.30
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ATHEN-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3
DEP. OF AIR LAND AND WATER USE (DALWU)-TOTALS														
TT TOTAL-OSE OSE	H	0.99	20.37	147.15	B	0.280	0.0	324.97	5.44				
DALWU	L	0.74	10.96	234.06	D	0.242	0.0	490.81	5.74	3	7217.	172.30

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN BILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-NCC NCC H		101.57		472.69	294.97	54.887	87.63	49.73	86.21			
OALRU L		87.62		52.43	1432.19	27.132	122.14	60.60	480.01	52	75018.	1077.30
(ORD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-												
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)												
ST SUB-TOTAL OSI H		0.0		0.0	0.0	0.0	0.0	0.0	0.0			
EMSL-RTP L		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC H		75.42		498.25	152.85	18.362	66.04	43.41	85.79			
EMSL-RTP L		42.18		30.22	568.93	11.446	61.96	19.85	226.15	195	13425.	541.36
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-												
ST SUB-TOTAL OSI H		0.18		3.79	0.0	0.053	0.0	29.63	0.36			
EMSL-CIN L		0.22		4.98	117.00	0.019	0.0	121.70	1.36	0	800.	22.30
ST SUB-TOTAL NCC H		0.0		0.0	0.0	0.0	0.0	0.0	0.0			
EMSL-CIN L		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0	0.	0.0
(OEMI)-DEP. OF ENERGY MIN. AND INDST HQ ((ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI												
(ORD) DEP. OF ENERGY MINERALS AND INDST (TOTALS												
IT TOTAL-OSI OSI H		2.11		247.88	7.10	3.553	0.0	1685.23	27.39			
DEPT L		3.21		27.95	883.20	0.369	0.0	1570.10	16.88	34	7533.	388.70
IT TOTAL-NCC NCC H		75.42		498.25	152.85	18.362	66.04	43.41	85.79			
DEPT L		42.18		30.22	568.93	11.446	61.96	19.85	226.15	195	13425.	541.36
(ORD) DEP. OF HEALTH AND ECOL EFFECTS (OH OPPL-RTP												

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	SI VOL PRI	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR/PDEC/ES/IS/NG	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.20		0.61	0.0	B	0.002	0.0	1.49	0.02			
HERL-RIP	L		0.02		0.29	6.40	D	0.0	0.0	10.20	0.11	0	3.	1.69
ST SUB-TOTAL NCC	H		112.92		835.51	475.71	B	34.044	127.26	86.42	140.91			
HERL-RIP	L		66.79		64.08	1646.10	D	28.547	98.08	33.26	355.10	1934	165646.	1032.15
(ORHE) - HEALTH EFFECTS RSCH LAB-CIN														
ST SUB-TOTAL OSI	H		0.47		28.37	0.0	B	0.253	0.0	122.60	2.07			
HERL-CIN	L		0.09		1.37	30.40	D	0.023	0.0	98.40	1.10	0	828.	30.33
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
HERL-CIN	L		0.0		0.3	0.0	D	0.0	0.0	0.0	0.0	0	1.	0.13
(ORHE) - CORVALLIS														
ST SUB-TOTAL OSI	H		0.0		1.58	59.66	B	0.183	0.0	75.40	1.30			
CORV-OSI	L		0.08		1.07	23.70	D	0.013	0.0	86.60	0.97	1	598.	25.10
ST SUB-TOTAL NCC	H		0.00		0.03	0.01	B	0.0	0.0	0.02	0.0			
CORV-OSI	L		0.00		0.00	0.12	D	0.0	0.01	0.01	0.03	0	214.	0.17
(ORHE) - GROSSE ILE														
ST SUB-TOTAL OSI	H		6.29		393.48	948.20	B	3.443	0.0	973.80	22.03			
GI-OSI	L		0.93		21.65	335.40	D	0.413	0.0	1342.60	14.93	0	4173.	400.50
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
GI-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3
(ORHE) - NARRAGANSETT														
ST SUB-TOTAL OSI	H		0.26		15.70	44.60	B	0.273	0.0	70.10	1.58			
NARRA-OSI	L		0.02		0.30	6.70	D	0.0	0.0	15.50	0.16	0	1424.	23.33

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	SYS VM ID YR CL RL	TYP MODE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PO EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0			
MARRA-DSI	L		0.0	0.0	0.0	B	0.0		0.0	0.0	0.0	0.0	0	0.	0.0
(DHEE) - GULF BREEZE						D									
ST SUB-TOTAL DSI	H		0.36	21.76	0.0										
GB-DSI	L		0.22	3.30	73.30	B	0.053		0.0	16.40	0.34				
						D	0.023		0.0	187.20	2.08		0	1499.	34.90
ST SUB-TOTAL NCC	H		0.01	0.08	0.02										
GB-NCC	L		0.0	0.0	0.0	B	0.0		0.0	0.02	0.02	0.02			
(DHD) - DEP. OF HEALTH AND ECOL EFFECTS &						D	0.0		0.0	0.0	0.0	0.0	0	1467.	2.15
TOTALS															
TT TOTAL-DSI DSI	H		7.59	461.49	1052.66										
DHFE	L		1.35	27.98	535.90	B	4.192		0.0	1259.79	27.34				
						D	0.463		0.0	1740.50	19.35		1	8522.	514.39
TT TOTAL-NCC NCC	H		112.93	835.62	475.74										
DHFE	L		66.60	64.08	1696.22	B	34.049		127.28	86.46	140.93				
						D	26.547		98.09	33.27	355.13		1934	168124.	1035.67
DEP. OF MONIT AND TECHNICAL SUPPORT (DMTS															
ENVIRONMENTAL MONIT SPT LAB-RTP															
ST SUB-TOTAL DSI	H		0.0	0.0	0.0										
EMSL-RTP	L		0.0	0.0	0.0	B	0.0		0.0	0.0	0.0	0.0			
						D	0.0		0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		30.32	227.32	119.48										
EMSL-RTP	L		6.36	38.45	226.75	B	8.723		34.55	20.19	42.87				
						D	3.059		16.56	20.03	33.31		175	18966.	205.91
(EMTS) - ENVIRONMENTAL MONIT SPT LAB-CIN															
ST SUB-TOTAL DSI	H		2.33	49.45	3.49										
EMSL-CIN	L		0.24	3.54	93.20	B	0.220		0.0	198.69	2.57				
						D	0.092		0.0	178.86	2.09		9	5332.	79.53
ST SUB-TOTAL NCC	H		0.21	9.52	1.04										
EMSL-CIN	L		1.08	2.95	16.87	B	0.0		0.11	0.03	0.18				
						D	0.419		1.76	0.90	6.62		2	1130.	14.92

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S P R V O P C P L I Y P R L	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP PD EC S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
(OMIS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB														
SI SUB-TOTAL OSI	H	5.96	273.81	37.29	B	2.663	0.0	497.70	17.72					
LV-OSI	L	0.60	13.52	251.50	D	0.213	0.0	650.50	7.67	0	4263.	250.96		
SI SUB-TOTAL NCC	H	0.17	4.38	6.70	B	1.399	2.25	0.0	2.27					
LV-NCC	L	0.00	0.01	0.14	D	0.0	0.0	0.0	0.0	1200	30.	3.45		
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO														
TOTALS														
II TOTAL-OSI OSI	H	8.99	364.49	130.78	B	3.003	0.0	835.89	22.07					
OMIS	L	0.94	18.47	356.00	D	0.322	0.0	906.86	10.61	9	10851.	357.56		
II TOTAL-NCC NCC	H	30.70	241.35	127.57	B	10.261	37.19	20.22	45.57					
OMIS	L	10.10	41.44	245.46	D	3.533	18.44	20.93	40.48	1377	20135.	225.52		
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ														
OFF. OF RSCH AND DEVEL (ORD) -														
TOTALS														
II TOTAL-OSI OSI	H	20.46	1122.65	1307.69	B	11.792	0.0	4441.77	86.19					
ORD	L	6.75	88.42	2136.66	D	1.593	0.0	5112.56	57.12	47	40976.	1549.35		
II TOTAL-NCC NCC	H	320.63	2055.91	1351.13	B	117.559	318.14	199.82	358.50					
ORD	L	206.83	188.52	3958.58	D	70.741	301.19	136.80	1104.07	3558	276702.	2883.72		
REGION I - BOSTON-														
REGION I - BOSTON-														
TOTALS														
II TOTAL-OSI OSI	H	1.78	214.47	136.86	B	1.415	0.00	577.83	10.32					
REGION I	L	0.27	5.28	130.28	D	0.059	0.07	336.79	3.50	28	6377.	164.56		

PAGE NO. 11 — 1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING				STORAGE		
						CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	TAPES (REELS)	DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC NCC H		2.82		136.88	50.00	9.744	9.66	3.04	11.16			
REGION 1 L		0.32		2.62	53.67	0.812	2.50	0.43	8.42	17	2384.	6.54
REGION 2 - NEW YORK-												
REGION 2 - NEW YORK- TOTALS												
TT TOTAL-OSI OSI H		3.37		210.31	198.34	B 2.640	0.0	1106.63	20.07			
REGION 2 L		4.84		60.16	1398.74	D 0.234	0.0	718.25	8.01	59	5276.	309.95
TT TOTAL-NCC NCC H		0.57		39.35	26.47	B 3.525	8.86	5.99	9.73			
REGION 2 L		0.19		0.40	21.16	D 0.249	0.70	0.04	2.37	14	370.	26.35
REGION 3 - PHILADELPHIA-												
REGION 3 - PHILADELPHIA- TOTALS												
TT TOTAL-OSI OSI H		4.95		2017.29	452.82	B 4.480	0.0	2005.00	35.41			
REGION-3		1.48		22.25	434.90	D 0.393	0.0	1573.70	17.50	0	4774.	482.50
TT TOTAL-NCC NCC H		6.73		112.66	34.84	B 4.324	10.03	4.15	12.08			
REGION-3		0.08		0.39	13.04	D 0.213	0.71	0.0	3.23	0	298.	26.93
REGION 4 - ATLANTA-												
REGION 4 - ATLANTA- TOTALS												
TT TOTAL-OSI OSI H		35.67		1960.56	1135.33	B 8.980	0.0	3937.10	68.38			
REGION-4		2.47		36.37	719.31	D 1.037	0.0	2709.08	30.76	0	32556.	694.49
TT TOTAL-NCC NCC H		24.74		59.43	58.79	B 4.279	13.45	7.99	15.69			
REGION-4 L		22.67		0.95	28.93	D 6.934	3.30	1.38	14.95	0	2400.	61.22

1979 WORKLOAD DATA FOR SCENARIO 1.2, OF 3

ACTIVITY	S L R V P C S Y P R	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP PD EC S G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-														
REGION 5 - CHICAGO- TOTALS														
TT TOTAL-DST	DST H	3.10	288.88	539.68	H	2.823	0.0	1457.30	24.06					
REGION-5	L	2.95	23.07	539.10	D	0.463	0.0	1800.40	20.05	0	12385.	502.33		
TT TOTAL-NCC	NCC H	56.68	402.75	118.38	H	13.515	33.72	19.72	35.69					
REGION-5	L	10.11	4.17	190.62	D	1.379	8.70	3.75	28.14	0	19510.	124.36		
REGION 6 - DALLAS														
REGION 6 - DALLAS TOTALS														
TT TOTAL-DST	DST H	6.86	283.52	332.27	H	1.993	0.0	1140.10	16.31					
REGION-6	L	1.36	15.80	389.70	D	0.194	0.0	921.60	10.28	2	4845.	290.40		
TT TOTAL-NCC	NCC H	3.50	124.00	15.86	H	1.922	4.72	2.25	5.22					
REGION-6	L	0.00	0.01	0.78	D	0.0	0.03	0.02	0.08	0	182.	13.39		
REGION 7 - KANSAS CITY-														
REGION 7 - KANSAS CITY- TOTALS														
TT TOTAL-DST	DST H	4.37	65.04	272.81	H	0.960	0.0	728.50	9.88					
REGION-7	L	1.25	7.09	176.53	D	0.081	0.0	532.60	5.95	0	1453.	167.33		
TT TOTAL-NCC	NCC H	0.90	22.81	11.69	H	1.451	3.51	1.94	3.49					
REGION-7	L	0.12	0.25	15.85	D	0.063	1.24	0.28	3.63	0	478.	12.51		
REGION 8 - DENVER-														

1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER- TOTALS												
IT TOTAL-DSI DSI H		2.61		159.00	159.81	2.453	0.0	636.13	15.78			
REGION-8 L		0.38		5.19	118.61	0.043	0.0	335.50	4.09	17	2431.	189.43
IT TOTAL-NCC NCC H		4.28		41.11	21.11	2.319	6.39	2.01	8.76			
REGION-8 L		1.66		0.75	17.34	0.205	0.90	2.42	3.33	0	348.	20.71
REGION 9 - SAN FRANCISCO-												
REGION 9 - SAN FRANCISCO- TOTALS												
IT TOTAL-DSI DSI H		1.01		224.07	93.68	2.952	0.0	1203.99	30.46			
REGION-9 L		1.52		188.96	256.95	0.161	0.0	711.77	7.86	0	3986.	253.60
IT TOTAL-NCC NCC H		5.20		117.12	50.29	6.347	11.94	201.25	13.83			
REGION-9 L		1.20		10.61	53.18	0.227	2.61	14.72	10.41	0	2868.	47.30
REGION 10 - SEATTLE-												
REGION 10 - SEATTLE- TOTALS												
IT TOTAL-DSI DSI H		6.69		214.21	225.66	1.433	0.0	786.30	12.04			
REGION 10 L		0.70		8.13	129.13	0.033	0.0	398.20	4.22	0	5184.	193.39
IT TOTAL-NCC NCC H		2.46		6.40	5.73	0.886	2.00	0.67	2.39			
REGION 10 L		0.00		0.01	0.67	0.035	0.07	0.11	0.25	0	18.	4.54
STATE OFFICES												
STATE OFFICES- TOTALS												

PAGE NO. 14 — 1979 WORKLOAD DATA FOR SCENARIO 1,2, OR 3

ACTIVITY NAME	S U B V E N T I O N	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IPYR PDEC ES IN G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TOTAL-DSI	DSI		0.04		2.55	0.0	B	0.140	0.0	103.80	1.61			
STAFF OFF	L		5.62		1.33	57.10	D	0.090	0.0	258.20	2.85	11	2306.	52.10
TOTAL-NCC	NCC		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
STAFF OFF	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0

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ACTIVITY NAME	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)-												
OFF. OF ADMINISTRATION (OA)												
ST SUM-TOTAL OSI H		8.75		1091.50	753.35	8 3.233	0.0	3894.05	46.96			
OSI-OA L		4.26		51.38	341.43	0 0.657	0.0	3632.71	29.91	53	36321.	1338.76
ST SUM-TOTAL NCC H		34.53		85.51	34.31	8 4.999	15.19	12.93	17.15			
NCC-OA L		5.91		7.47	231.54	0 2.301	11.93	9.16	41.68	4	10762.	113.43
(OPM)-												
OFF. OF PLANNING AND EVAL. (OPE)												
ST SUM-TOTAL OSI H		0.34		37.88	0.76	8 0.545	0.0	324.20	5.21			
OSI-OPE L		0.44		6.07	135.32	0 0.0	0.0	188.12	2.10	0	3296.	78.91
ST SUM-TOTAL NCC H		1.06		179.44	24.76	8 1.791	10.74	3.99	12.03			
NCC-OPE L		0.07		0.22	7.55	0 0.051	0.35	0.10	1.46	0	407.	19.18
(OPM)-												
OFF. OF RESOURCE MGT. (ORM)												
ST SUM-TOTAL OSI H		108.35		1086.76	346.97	8 12.215	0.0	6005.58	106.06			
OSI-ORM L		2.22		17.76	1138.21	0 0.514	0.0	1789.22	30.08	886	46407.	1193.19
ST SUM-TOTAL NCC H		0.0		0.0	0.0	8 0.0	0.0	0.0	0.0			
NCC-ORM L		0.0		0.0	0.0	0 0.0	0.0	0.0	0.0	0	0.	0.0
(OPM)-												
TOTALS												
TT TOTAL-OSI OSI H		117.44		2217.65	1131.08	8 16.031	0.0	10223.82	158.23			
OPM L		6.93		75.35	2217.92	0 1.171	0.0	5622.48	62.21	939	86025.	2612.41
TT TOTAL-NCC NCC H		35.59		264.95	59.07	8 6.789	25.93	16.92	29.18			
OPM L		5.98		7.69	239.09	0 2.352	12.28	9.26	43.14	4	11189.	132.58
OFF. OF ENFORCEMENT (OE)-												
OFF. OF GENERAL SUPERVISION (OGS)												

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ACTIVITY NAME	TYPE	MONTHLY INPUT TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING YR PD CC E S S I N G	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCPTS (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	DISK (TRACKS)	ANNUAL BILLING ($K)
SI SUB-TOTAL OSI	H	10.81	244.19	477.14		7.202	0.0	3969.76	58.53					
OSI-OGE	L	6.46	24.39	542.08	0	0.438	0.0	1527.74	16.88	168	27710.	731.34		
SI SUB-TOTAL NCC	H	0.16	63.07	4.32	8	0.945	4.60	2.44	3.72					
NCC-OGE	L	0.05	0.14	9.23	0	0.035	0.17	0.14	0.67	0	184.	4.17		
(OGE)-- OFF. OF WATER ENFORCEMENT (OWE)														
SI SUB-TOTAL OSI	H	10.66	433.63	0.0	8	3.715	0.0	2047.41	28.76					
OSI-OWE	L	1.09	0.85	135.76	0	0.027	0.0	272.75	3.03	0	24753.	358.99		
SI SUB-TOTAL NCC	H	0.0	0.10	0.0	8	0.0	0.0	0.0	0.0					
NCC-OWE	L	0.00	0.03	0.37	0	0.0	0.0	0.0	0.01	0	0.	0.3		
(OWE)-- OFF. OF WIDE SOURCE AND NOISE ENF. (OWSNE														
SI SUB-TOTAL OSI	H	2.51	7.05	0.0	8	1.021	0.0	634.73	13.91					
OSI-OWSNE	L	2.66	9.24	538.26	0	0.221	0.0	978.89	11.09	93	11801.	234.18		
SI SUB-TOTAL NCC	H	1.11	2.03	6.02	8	0.343	1.55	0.66	1.72					
NCC-OWSNE	L	0.14	0.28	16.80	0	0.158	0.42	0.12	1.32	16	3900.	70.17		
OFF. OF ENFORCEMENT-TOTALS														
SI TOTAL-OSI OSI	H	31.42	635.49	477.14	8	11.954	0.0	6669.18	101.39					
NE	L	10.43	34.49	1156.35	0	0.686	0.0	2779.79	31.02	261	64287.	1325.43		
SI TOTAL-NCC NCC	H	1.26	65.20	11.34	8	1.288	6.15	3.10	5.44					
NE	L	0.19	0.43	26.40	0	0.193	0.59	0.26	2.00	16	4084.	74.34		
OFF. OF WATER AND HEAD RATES (OWHR)- OFF. OF SOLID WASTE (OSW)														
SI SUB-TOTAL OSI	H	0.00	0.00	0.0	8	9.980	0.0	4030.10	66.49					
OSW-OSI	L	1.41	13.34	389.85	0	1.693	0.0	1872.80	20.73	0	21385.	785.30		

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	MONTHLY INPUT TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC H		0.13		16.42	1.67	0.163	0.40	0.0	0.48			
DSH-NCC L		0.25		0.30	11.92	0.083	0.48	0.0	2.15	0	200.	4.90
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)												
ST SUB-TOTAL DSI H		33.73		161.75	553.80	15.582	0.0	7109.60	115.41			
OWPS-DSI L		4.91		69.37	1340.47	2.795	0.0	2641.51	31.04	1497	113861.	1593.72
ST SUB-TOTAL NCC H		0.0		0.0	0.0	0.0	0.0	0.0	0.0			
OWPS-NCC L		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0	19.	0.35
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)												
ST SUB-TOTAL DSI H		69.40		363.48	0.0	5.572	0.0	5451.63	66.54			
OWPO-DSI L		4.62		33.32	1354.84	1.135	0.0	3629.56	40.45	397	39747.	1167.44
ST SUB-TOTAL NCC H		0.0		13.81	0.0	0.0	0.0	0.0	0.0			
OWPO-NCC L		0.41		4.60	24.40	1.074	3.05	3.18	11.53	0	1219.	18.52
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)												
ST SUB-TOTAL DSI H		8.94		223.81	70.04	4.355	0.0	1316.45	17.99			
OWS-DSI L		0.65		18.30	344.49	1.357	0.0	679.49	7.42	430	22207.	427.33
ST SUB-TOTAL NCC H		1210.61		142.98	127.55	9.406	41.36	4.33	49.56			
OWS-NCC L		10.35		8.03	233.59	5.512	18.87	3.68	67.72	26	25054.	218.27
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS												
TT TOTAL-DSI DSI H		112.69		749.64	623.84	25.493	0.0	17907.78	266.43			
OWHM L		11.80		134.34	3425.65	6.959	0.0	8823.36	99.64	2324	197199.	3974.31
TT TOTAL-NCC NCC H		1210.74		173.21	129.22	9.569	41.76	4.33	50.04			
OWHM L		11.01		12.93	269.91	5.655	22.40	6.86	81.40	26	26571.	241.54

ACTIVITY NAME	TYPE	MONTHLY INPUT TRANS.	MONTHLY INPUT TOTAL CHARS.- IN BILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PRIORITY	PROCESSING CPU HOURS (IBM) --OR-- SAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF AIR QUAL PLANNING AND STNDRDS (OA														
SI SUB-TOTAL OSI	H		6.29	6.27	0.0	8	0.151	0.0	243.62	2.97				
OAQPS-OSI	L		0.08	1.24	5.30	D	0.035	0.0	119.35	1.32	0	555.	54.15	
SI SUB-TOTAL NCC	H		937.40	2217.93	1351.26	B	202.527	569.66	375.92	629.13				
OAQPS-NCC	L		56.01	106.05	2621.47	D	46.624	186.20	79.34	740.14	1837	160957.	2630.33	
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O														
SI SUB-TOTAL OSI	H		0.13	2.13	0.0	8	0.039	0.0	35.07	0.44				
OMSAP-OSI	L		0.07	1.01	22.40	D	0.0	0.0	36.88	0.42	0	59.	10.99	
SI SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
OMSAP-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF NOISE ABATEMENT AND CONTROL (ONAC														
SI SUB-TOTAL OSI	H		1.04	41.53	0.0	8	2.757	0.0	353.93	16.31				
ONAC-OSI	L		0.12	16.13	129.10	D	0.148	0.0	461.88	5.16	0	4758.	184.77	
SI SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ONAC-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM) OFF. OF RADIATION PROGRAMS (ORP)-														
SI SUB-TOTAL OSI	H		0.46	56.46	10.46	8	0.379	0.0	164.00	3.38				
ORP-OSI	L		0.28	29.77	377.68	D	0.099	0.0	592.40	6.56	52	3873.	116.56	
SI SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ORP-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM)- TOTALS														

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ACTIVITY NAME	S F R V I C E L E V E L	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP YR PD EC ES SI TG	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-OSI OSI	H		8.42		114.70	10.46	B	3.753	0.0	899.45	25.72			
DAM	L		0.61		48.95	609.08	D	0.272	0.0	1272.69	14.15	52	9288.	389.58
TT TOTAL-NCC NCC	H		937.40		2218.06	1362.20	B	202.527	569.69	375.92	629.15			
DAM	L		56.82		106.06	2622.06	D	46.824	186.23	79.34	740.22	1837	160967.	2630.20
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PSGM. INTEGRATION/INFO														
ST SUB-TOTAL OSI -OSI	H		19.80		88.30	450.00	B	19.244	0.0	5683.70	77.06			
	L		0.32		11.93	157.12	D	1.143	0.0	1610.67	28.34	184	19146.	1650.25
ST SUB-TOTAL NCC -NCC	H		2.20		102.44	82.70	B	17.455	40.12	29.24	45.76			
	L		1.05		2.79	54.84	D	0.838	4.10	2.36	16.70	192	10752.	150.30
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PESTICIDE PROGRAMS (OPP)														
ST SUB-TOTAL OSI OPP-OSI	H		79.40		1847.71	974.53	B	40.853	0.0	5959.91	111.25			
	L		3.29		91.49	3216.47	D	2.943	0.0	4392.01	48.70	1295	55005.	1567.91
ST SUB-TOTAL NCC OPP-NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF TOXIC SUBSTNCS (OTS)- TOTALS														
TT TOTAL-OSI OSI	H		99.20		1936.01	324.53	B	60.132	0.0	11643.61	188.31			
OTS	L		3.62		103.42	1373.59	D	3.183	0.0	6002.68	77.04	1479	74151.	3218.16
TT TOTAL-NCC NCC	H		2.20		102.44	82.70	B	17.455	40.12	29.24	45.76			
OTS	L		1.05		2.79	64.84	D	0.838	4.10	2.36	16.70	192	10752.	150.30
OFF. OF RSCH AND DEVEL (ORD)- OFF. OF ATR LAND AND WATER USE (OALWU)-														
(OALWU) - ENV. SCIENCES RSCH LAB-RTP														

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S U P	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP PD EC S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL DST	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ESRL-DST	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		72.70		360.43	253.73	B	49.679	76.12	41.04	69.22			
ESRL-NCC	L		63.67		39.41	1332.98	D	20.819	93.75	44.27	367.83	79	60233.	855.16
(DAL40)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)														
ST SUB-TOTAL DST	H		0.91		11.57	0.0	B	0.235	0.0	156.10	2.31			
MERL-DST	L		0.53		5.47	132.01	D	0.207	0.0	362.13	4.15	4	2333.	71.59
ST SUB-TOTAL NCC	H		0.14		16.89	0.42	B	0.041	0.08	0.02	0.10			
MERL-NCC	L		0.28		2.76	27.43	D	0.193	3.19	3.50	10.67	0	1318.	33.19
ADA ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL DST	H		0.04		1.80	76.58	B	0.065	0.0	55.00	0.77			
ADA-DST	L		0.01		0.10	2.29	D	0.0	0.0	9.57	0.11	0	3.	15.77
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ADA-DST	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(DAL40)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL DST	H		0.41		13.99	112.93	B	0.773	0.0	228.65	4.63			
ATHEN-DST	L		0.40		8.34	150.23	D	0.143	0.0	280.02	3.41	0	7866.	144.25
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ATHEN-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
DEP. OF AIR LAND AND WATER USE (DAL40)- TOTALS														
TT TOTAL-DST DST	H		1.38		28.29	189.51	B	1.131	0.0	452.42	7.87			
DAL40	L		1.02		15.11	321.09	D	0.353	0.0	677.72	7.97	4	10352.	238.24

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC NCC H		72.84		377.42	254.15	49.720	76.20	41.06	69.32			
DALTO L		63.95		42.17	1120.41	21.002	96.94	47.77	378.50	79	61251.	888.35
(DKD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (DEMI)-												
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RIP (IERL-RIP)												
ST SUB-TOTAL DSI H		0.0		0.0	0.0	0.0	0.0	0.0	0.0			
EMSL-RIP L		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC H		102.95		702.30	212.77	26.311	90.92	61.01	118.76			
EMSL-RIP L		58.65		41.37	885.48	15.993	86.00	26.80	310.41	293	20337.	745.39
(DEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-												
ST SUB-TOTAL DSI H		0.24		5.18	0.0	0.055	0.0	40.90	0.51			
EMSL-CIN L		0.31		6.58	152.54	0.027	0.0	166.09	1.86	0	1116.	30.13
ST SUB-TOTAL NCC H		0.0		0.0	0.0	0.0	0.0	0.0	0.0			
EMSL-CIN L		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0	0.	0.0
(DEMI)-OFF. OF ENERGY MIN. AND INDST HQ (ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI												
(DKD) OFF. OF ENERGY MINERALS AND INDST (TOTALS												
TT TOTAL-DSI DSI H		3.17		373.96	10.68	5.234	0.0	2491.27	40.49			
OEMI L		4.82		41.09	1316.68	0.543	0.0	2318.75	24.91	54	11602.	580.74
TT TOTAL-NCC NCC H		102.95		702.30	212.77	26.311	90.92	61.01	118.76			
OEMI L		58.65		41.37	885.48	15.993	86.00	26.80	310.41	293	20337.	745.39
(DKD) OFF. OF HEALTH AND ECOL EFFECTS (OH HESL-RIP												

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	ST	IT	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/TR PO EC S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL	OST	H		0.28		0.85	0.0	B	0.033	0.0	2.08	0.03			
NERL-RTP		L		0.03		0.41	8.96	D	0.0	0.0	14.27	0.16	0	0.	2.38
ST SUB-TOTAL	NCC	H		136.58		885.60	507.07	B	41.128	141.49	95.98	162.10			
NERL-RTP		L		80.03		73.03	2315.20	D	35.054	120.44	39.66	438.17	1689	144228.	1216.32
(ONEE) - HEALTH EFFECTS RSCH LAB-CIN															
ST SUB-TOTAL	OST	H		0.74		38.30	0.0	B	0.336	0.0	165.53	2.79			
NERL-CIN		L		0.12		1.85	41.07	D	0.025	0.0	132.86	1.48	0	1118.	40.51
ST SUB-TOTAL	NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
NERL-CIN		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	2.	0.15
(ONEE) - CORVALLIS															
ST SUB-TOTAL	OST	H		0.0		1.28	59.28	B	0.149	0.0	62.67	1.07			
CORV-OST		L		0.06		0.96	19.03	D	0.038	0.0	71.41	0.80	0	458.	20.36
ST SUB-TOTAL	NCC	H		0.00		0.03	0.01	B	0.0	0.0	0.02	0.0			
CORV-OST		L		0.00		0.00	0.10	D	0.0	0.01	0.01	0.03	0	172.	0.14
(ONEE) - GROSSE ILE															
ST SUB-TOTAL	OST	H		15.10		778.18	1222.10	B	12.769	0.0	4376.40	90.62			
GI-OST		L		4.98		34.69	342.19	D	2.135	0.0	7140.79	79.27	0	33196.	1737.16
ST SUB-TOTAL	NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
GI-NCC		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3
(ONEE) - NARRAGANSETT															
ST SUB-TOTAL	OST	H		0.35		21.20	57.18	B	0.365	0.0	94.65	2.13			
NARRA-OST		L		0.03		0.41	9.06	D	0.0	0.0	20.91	0.22	0	1923.	31.34

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S C K V I C E R	T E S U P. L I Y P E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP YR PD EC E S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0				
MARA-OSI	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	6.	0.35
(OHEE) - GULF BREEZE															
ST SUB-TOTAL OSI	H		0.49	29.38	0.0	B	0.065	0.0	22.14	0.46					
GB-OSI	L		0.30	4.45	98.97	D	0.025	0.0	252.81	2.81	0	2324.	47.12
ST SUB-TOTAL NCC	H		0.01	0.11	0.03	B	0.0	0.03	0.03	0.03			
GB-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	1979.	2.93
(OHD) - OFF. OF HEALTH AND ECOL EFFECTS (															
TOTALS															
TT TOTAL-OSI OSI	H		16.86	869.19	1338.56	B	13.688	0.0	4723.46	97.10					
OHEE	L		5.81	42.66	1019.29	D	2.154	0.0	7633.04	84.74	0	38719.	1877.37
TT TOTAL-NCC NCC	H		136.59	885.73	537.11	B	41.125	141.52	96.03	162.13			
OHEE	L		80.83	73.04	2015.30	D	35.054	120.45	39.67	438.20	1689	147463.	1220.78
OFF. OF POLIT AND TECHNICAL SUPPORT (OPTS															
ENVIRONMENTAL MONIT SPT LAB-RTP															
ST SUB-TOTAL OSI	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
EMSL-RTP	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		63.32	474.41	250.39	B	18.143	72.23	42.41	89.66			
EMSL-RTP	L		13.18	52.20	471.14	D	6.295	34.46	41.07	134.86	321	38569.	429.19
(OMIS) - ENVIRONMENTAL MONIT SPT LAB-CIN															
ST SUB-TOTAL OSI	H		3.18	56.96	5.38	B	0.337	0.0	273.70	3.55					
EMSL-CIN	L		0.53	4.79	113.44	D	0.125	0.0	243.70	2.84	13	7996.	108.51
ST SUB-TOTAL NCC	H		0.21	14.06	1.64	B	0.0	0.16	0.05	0.27			
EMSL-CIN	L		2.78	4.57	24.95	D	0.614	2.60	1.33	9.79	3	1671.	22.36

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S U P	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP PD EC S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
(OMIS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB														
ST SUM-TOTAL OST	H		9.89		442.38	151.40	B	4.493	0.0	800.24	29.38			
LV-OSI	L		0.98		22.49	414.36	D	9.351	0.0	1075.23	12.70	0	7117.	410.39
ST SUM-TOTAL NCC	H		0.26		7.33	10.94	B	2.394	3.85	0.0	3.87			
LV-NCC	L		0.60		0.01	0.21	D	0.0	0.0	0.0	0.0	2087	44.	5.55
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO TOTALS														
TT TOTAL-OSI OST	H		14.06		568.54	166.78	B	4.971	0.0	1274.00	35.42			
OMIS	L		1.45		29.31	572.76	D	0.519	0.0	1430.24	16.76	13	16203.	557.61
TT TOTAL-NCC NCC	H		63.69		496.00	263.37	B	20.733	76.64	42.46	94.16			
OMIS	L		18.65		56.63	438.74	D	6.993	37.25	42.40	115.44	2411	40297.	458.37
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ														
OFF. OF RSCH AND DEVEL (ORD) - TOTALS														
TT TOTAL-OSI OST	H		37.18		1196.99	1735.53	B	25.484	0.0	9622.96	188.98			
ORD	L		13.85		134.23	3471.25	D	3.953	0.0	12870.11	143.42	71	90163.	3486.43
TT TOTAL-NCC NCC	H		376.27		2473.41	1237.40	B	137.897	385.28	240.56	444.37			
ORD	L		222.48		213.72	4544.14	D	79.167	341.50	159.94	1246.08	4472	269349.	3319.33
REGION I - BOSTON-														
REGION I - BOSTON- TOTALS														
TT TOTAL-OSI OST	H		7.67		330.89	220.82	B	4.053	0.0	912.96	15.08			
REGION I	L		9.40		8.16	143.29	D	0.973	0.0	535.41	5.91	32	9727.	251.58

1981 WORKLOAD DATA FOR SCENARIO 1

VN IDU IM YP C R	ACTIVITY NAME	S F K V I C E L	T E S U P I Y P R	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC	H		4.96	117.00	55.49			B	10.053	10.87	3.39	12.56			
REGION 1		L		0.71	2.91	64.52			D	0.923	2.86	0.51	9.65	29	3815.	11.52
REGION 2 - NEW YORK-																
REGION 2 - NEW YORK- TOTALS																
TT TOTAL-OSI	OSI	H		5.26	336.92	290.43			B	3.829	0.0	1091.25	29.92			
REGION 2		L		6.92	81.76	1935.74			D	0.331	0.0	1039.72	11.60	81	7799.	457.97
TT TOTAL-NCC	NCC	H		0.82	26.50	38.00			B	4.062	12.72	8.60	13.97			
REGION 2		L		0.27	0.57	30.38			D	0.355	1.00	0.06	3.40	20	531.	37.43
REGION 3 - PHILADELPHIA-																
REGION 3 - PHILADELPHIA- TOTALS																
TT TOTAL-OSI	OSI	H		7.12	2900.85	651.15			B	6.441	0.0	2886.70	50.94			
REGION-3				2.13	31.96	711.06			D	0.563	0.0	2260.70	25.14	0	6922.	694.33
TT TOTAL-NCC	NCC	H		9.66	161.74	50.02			B	6.209	14.40	5.96	17.35			
REGION-3				0.12	0.56	18.72			D	0.306	1.02	0.0	4.64	0	427.	38.66
REGION 4 - ATLANTA-																
REGION 4 - ATLANTA- TOTALS																
TT TOTAL-OSI	OSI	H		46.31	2679.13	1434.42			B	11.652	0.0	5117.40	88.53			
REGION-4				3.60	46.69	1158.64			D	1.319	0.0	3408.69	38.84	0	42369.	1003.73
TT TOTAL-NCC	NCC	H		40.39	134.92	78.04			B	6.725	21.58	13.10	25.25			
REGION-4		L		36.27	1.67	46.28			D	10.137	5.30	2.19	23.59	0	3944.	97.56

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: IPYPDEC VS (UNIVAC)	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-													
REGION 5 - CHICAGO- TOTALS													
TT TOTAL-OSI OSI H	4.49	401.67	753.95	B	4.085	0.0	2142.25	34.86					
REGION-5 L	4.38	32.40	957.69	D	0.652	0.0	2593.81	28.88	0	17813.	723.52		
TT TOTAL-NCC NCC H	87.28	581.30	170.15	B	19.543	48.89	29.58	51.60					
REGION-5 L	15.03	6.06	252.02	D	2.011	12.68	5.47	41.05	0	28942.	180.37		
REGION 6 - DALLAS													
REGION 6 - DALLAS TOTALS													
TT TOTAL-OSI OSI H	10.18	418.51	494.63	B	3.213	0.0	1788.10	26.15					
REGION-6 L	1.96	22.69	567.74	D	0.285	0.0	1392.47	13.54	3	6869.	438.32		
TT TOTAL-NCC NCC H	4.89	173.17	22.15	B	2.694	6.59	3.14	7.29					
REGION-6 L	0.00	0.01	1.09	D	0.0	0.04	0.03	0.11	0	255.	18.28		
REGION 7 - KANSAS CITY-													
REGION 7 - KANSAS CITY- TOTALS													
TT TOTAL-OSI OSI H	5.46	93.07	349.63	B	1.252	0.0	974.75	13.08					
REGION-7 L	1.64	8.95	224.67	D	0.134	0.0	681.06	7.60	0	1937.	213.39		
TT TOTAL-NCC NCC H	1.24	29.32	15.52	B	1.672	4.60	2.57	4.57					
REGION-7 L	0.16	0.32	20.10	D	0.086	1.56	0.35	4.58	0	634.	16.14		
REGION 8 - DENVER-													

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	SYS UPI CPI LIB EPR RES	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER- TOTALS													
TT TOTAL-OSI OSI REGION-8	H	3.97	747.79	258.52	B	3.688	0.0	1056.87	24.04				
	L	0.58	7.95	182.46	D	0.067	0.0	531.75	6.29	30	3806.	294.97	
TT TOTAL-NCC NCC REGION-8	H	6.76	64.55	33.83	B	3.823	10.47	3.24	14.42				
	L	3.14	1.24	27.52	D	0.344	1.48	3.99	5.53	0	560.	34.33	
REGION 9 - SAN FRANCISCO-													
REGION 9 - SAN FRANCISCO- TOTALS													
TT TOTAL-OSI OSI REGION-9	H	1.56	318.27	136.29	B	4.295	0.0	1770.48	39.89				
	L	2.04	225.35	369.07	D	0.225	0.0	1017.01	11.24	0	5990.	375.11	
TT TOTAL-NCC NCC REGION-9	H	6.04	148.63	61.99	B	7.953	15.75	222.61	17.72				
	L	1.45	10.93	55.69	D	0.334	3.12	16.25	12.39	0	3352.	57.62	
REGION 10 - SEATTLE-													
REGION 10 - SEATTLE- TOTALS													
TT TOTAL-OSI OSI REGION 10	H	10.23	416.58	356.28	B	2.353	0.0	1194.30	18.66				
	L	0.37	12.75	237.57	D	0.119	0.0	660.53	7.05	0	7499.	297.30	
TT TOTAL-NCC NCC REGION 10	H	3.53	9.19	8.23	B	1.272	2.87	0.96	3.44				
	L	0.00	0.01	0.96	D	0.053	0.10	0.16	0.36	0	25.	6.57	
STAFF OFFICES													
STAFF OFFICES- TOTALS													

1981 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S C R V I C E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IP PROCESSING	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-USE	USE		0.18		3.04	0.0	B	0.173	0.0	125.97	1.95			
STAFF USE	L		6.85		1.62	59.50	U	0.111	0.0	314.36	3.47	12	2786.	64.65
IT TOTAL-NCC	NCC		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
STAFF NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0

PAGE NO. 01 — 1985 WORKLOAD DATA FOR SCENARIO 1

A C O U N T I N G	ACTIVITY NAME	S I M U L A T I O N	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TYPE PROCESSING	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCPS (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)- OFF. OF ADMINISTRATION (OA)															
ST SUB-TOTAL OSI		H	11.14	1383.84	947.76	B	4.044	0.0	4892.51	58.99					
OSI-OA		L	5.72	54.53	1150.72	D	0.837	0.0	4590.12	37.95	69	46005.	1665.22		
ST SUB-TOTAL NCC		H	44.73	107.35	43.20	B	6.278	19.17	16.34	21.62					
NCC-OA		L	7.56	9.36	252.06	D	2.957	14.96	11.53	52.28	5	13567.	142.67		
(OPM)- OFF. OF PLANNING AND EVAL. (OPE)															
ST SUB-TOTAL OSI		H	0.48	53.77	1.06	B	0.773	0.0	459.76	7.39					
OSI-OPE		L	0.63	8.62	191.91	D	0.0	0.0	266.79	2.98	0	4674.	111.90		
ST SUB-TOTAL NCC		H	1.69	285.58	39.41	B	2.853	17.10	6.35	19.14					
NCC-OPE		L	0.11	0.35	12.01	D	0.091	0.56	0.16	2.32	0	648.	30.53		
(OPM)- OFF. OF RESOURCE MGT. (ORM)															
ST SUB-TOTAL OSI		H	132.89	1411.96	936.64	B	15.953	0.0	7928.99	139.83					
OSI-ORM		L	2.85	23.29	1336.31	D	0.679	0.0	2359.58	36.49	1162	59755.	1536.18		
ST SUB-TOTAL NCC		H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
NCC-ORM		L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
(OPM)- TOTALS															
TT TOTAL-OSI	OSI	H	144.52	2851.54	1387.46	B	20.773	0.0	13281.26	206.21					
	OPS	L	9.21	96.62	2722.79	D	1.515	0.0	7232.70	77.98	1231	110436.	3315.34		
TT TOTAL-NCC	NCC	H	46.42	392.93	82.61	B	9.129	36.22	22.69	40.76					
	OPM	L	7.67	9.72	264.87	D	2.933	15.52	11.69	54.60	5	14214.	173.20		
OFF. OF ENFORCEMENT (OE)- OFF. OF GENERAL ENFORCEMENT (OGE)															

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S L R V I R	U P M P. C P I	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONVLCT HOURS	TP YR PO EC E S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		30.60	441.61		891.37		B	11.234	0.0	6484.34	94.05			
OSI-OGE	L		13.65	43.37		971.72		D	0.714	0.0	2476.35	27.40	210	43546.	1235.79
ST SUB-TOTAL NCC	H		0.19	65.12		5.81		B	1.957	8.37	5.15	4.81			
NCC-OGE	L		0.09	0.27		17.12		D	0.022	0.21	0.41	0.97	0	720.	13.50
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)															
ST SUB-TOTAL OSI	H		11.54	595.88	0.0			B	5.025	0.0	2784.97	39.02			
OSI-OWE	L		1.25	1.18		143.03		D	0.035	0.0	369.34	4.10	0	32957.	491.61
ST SUB-TOTAL NCC	H		0.0	0.14	0.0			B	0.0	0.0	0.0	0.0			
NCC-OWE	L		0.00	0.01		0.54		D	0.0	0.0	0.0	0.02	0	0.	0.0
(OE)-- OFF. OF NOISE SOURCE AND NOISE ENF. (ONSNE															
ST SUB-TOTAL OSI	H		4.16	11.05	0.0			B	1.652	0.0	1039.95	21.33			
OSI-ONSNE	L		4.48	14.60		814.43		D	0.353	0.0	1535.16	17.39	137	19215.	377.43
ST SUB-TOTAL NCC	H		1.97	3.61	10.69			B	0.618	2.78	1.18	3.10			
NCC-ONSNE	L		0.29	0.53		29.86		D	0.284	0.74	0.20	2.37	28	6912.	80.57
OFF. OF ENFORCEMENT- TOTALS															
TT TOTAL-OSI OSI	H		46.37	1049.89	891.37			B	17.963	0.0	10339.37	154.73			
OE	L		19.38	59.16		1929.59		D	1.133	0.0	4381.57	48.92	347	95758.	2106.75
TT TOTAL-NCC NCC	H		2.16	68.87	16.50			B	2.575	11.15	6.33	7.91			
OE	L		0.34	0.77		47.52		D	0.338	0.95	0.61	3.36	28	7631.	94.27
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)															
ST SUB-TOTAL OSI	H		0.60	0.24	0.0			B	14.953	0.0	8037.00	99.61			
OSW-OSI	L		2.12	20.01		578.00		D	2.533	0.0	2805.20	31.36	0	32332.	1177.30

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S I M U L A T I O N	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING PRIORITY/EXECUTION SCHEDULING	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCPPS (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H	0.18	23.60	2.41	B	0.239	0.58	0.0	0.69				
OSN-NCC	L	0.36	0.43	17.14	D	0.115	0.69	0.0	3.10	0	403.	6.90
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)														
ST SUB-TOTAL OSI	H	55.19	262.44	898.13	B	24.973	0.0	11452.68	185.26				
OWPS-OSI	L	8.06	111.86	2192.70	D	4.438	0.0	4315.98	49.85	2461	187302.	2580.71
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
OWPS-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	32.	0.38
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)														
ST SUB-TOTAL OSI	H	97.27	496.37	0.0	B	8.143	0.0	9411.34	97.06				
OWPO-OSI	L	6.59	46.93	1939.89	D	1.626	0.0	5261.80	58.67	635	58305.	1677.32
ST SUB-TOTAL NCC	H	0.0	20.85	0.0	B	0.0	0.0	0.0	0.0				
OWPO-NCC	L	0.63	6.95	36.83	D	1.621	4.61	4.80	17.41	0	1839.	27.95
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)														
ST SUB-TOTAL OSI	H	16.26	407.18	127.42	B	7.962	0.0	2395.00	32.73				
OWS-OSI	L	1.55	33.30	526.72	D	2.497	0.0	1236.18	13.50	783	40400.	776.92
ST SUB-TOTAL NCC	H	2202.45	260.12	732.04	B	17.113	75.24	7.87	90.16				
OWS-NCC	L	18.63	14.61	624.96	D	10.028	34.32	6.70	123.20	48	45580.	397.39
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS														
IT TOTAL-OSI OSI	H	169.71	1166.93	1025.55	B	56.013	0.0	28296.02	414.66				
OWHM	L	18.32	212.15	5337.30	D	11.081	0.0	13619.16	153.08	3879	318039.	6212.75
IT TOTAL-NCC NCC	H	2202.63	304.56	234.45	B	17.343	75.82	7.87	90.85				
OWHM	L	19.01	21.98	678.93	D	11.754	39.62	11.50	143.71	48	47353.	432.32

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S I R V I C E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC E S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF AIR QUAL PLANNING AND STNDRDS (OA														
ST SUB-TOTAL OSI	H		8.71		8.69	0.0	B	0.223	0.0	336.87	4.10			
OAQPS-OSI	L		0.12		1.72	15.90	D	0.049	0.0	165.04	1.83	0	768.	74.36
ST SUB-TOTAL NCC	H		1301.51		3044.40	1874.87	B	279.373	782.19	516.46	864.30			
OAQPS-NCC	L		77.28		145.39	3552.91	D	64.154	254.30	108.20	1010.28	2493	221097.	3616.76
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O														
ST SUB-TOTAL OSI	H		0.19		3.10	0.0	B	0.055	0.0	51.00	0.64			
OMSAP-OSI	L		0.10		1.47	32.61	D	0.0	0.0	53.65	0.61	0	86.	15.97
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OMSAP-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF NOISE ABATEMENT AND CONTROL (ONAC														
ST SUB-TOTAL OSI	H		1.43		57.57	0.0	B	3.811	0.0	489.40	22.56			
ONAC-OSI	L		0.17		22.30	275.30	D	0.204	0.0	638.64	7.13	0	6579.	255.31
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ONAC-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM) OFF. OF RADIATION PROGRAMS (ORP)-														
ST SUB-TOTAL OSI	H		0.66		78.05	14.44	B	0.529	0.0	226.00	4.66			
ORP-OSI	L		0.40		41.24	525.26	D	0.121	0.0	870.40	9.08	72	5362.	161.40
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ORP-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)- TOTALS														

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-OSI OSI H	11.74	159.85	14.44	B	5.253	0.0	1259.55	35.94				
DARM L	0.87	67.94	862.87	D	0.379	0.0	1772.26	19.70	72	12961.	542.35	
IT TOTAL-NCC NCC H	1301.51	3044.61	1876.30	B	279.370	782.23	516.46	864.33				
DARM L	77.29	145.41	3553.83	D	64.154	254.34	108.20	1010.40	2493	221112.	3617.37	
OFF. OF TOXIC SUBSTNCS. (OTS)-												
OFF. OF PRGM. INTEGRATION/INFO												
ST SUB-TOTAL OSI H	29.72	133.10	675.00	B	29.152	0.0	8609.98	116.74				
-OSI L	0.48	18.28	240.44	D	1.722	0.0	2468.65	42.92	279	29003.	2499.30	
ST SUB-TOTAL NCC H	4.39	204.88	165.40	B	34.912	80.24	58.48	91.52				
-NCC L	2.10	5.59	129.68	D	1.675	8.20	4.72	33.40	384	21504.	300.33	
OFF. OF TOXIC SUBSTNCS. (OTS)-												
OFF. OF PESTICIDE PROGRAMS (OPP)												
ST SUB-TOTAL OSI H	165.84	2871.95	610.06	B	48.093	0.0	12295.03	191.13				
OPP-OSI L	5.84	140.99	2190.96	D	3.500	0.0	7522.71	83.52	2272	96459.	2690.15	
ST SUB-TOTAL NCC H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
OPP-NCC L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF TOXIC SUBSTNCS (OTS)-												
TOTALS												
IT TOTAL-OSI OSI H	185.56	3035.05	1285.06	B	77.245	0.0	23905.01	307.87				
OTS L	6.33	159.27	2431.40	D	5.222	0.0	9991.36	126.44	2551	125462.	5190.35	
IT TOTAL-NCC NCC H	4.39	204.88	165.40	B	34.912	80.24	58.48	91.52				
OTS L	2.10	5.59	129.68	D	1.675	8.20	4.72	33.40	384	21504.	300.33	
OFF. OF RSCH AND DEVEL (ORD)-												
OFF. OF AIR LAND AND WATER USE (OALWU)-												
(OALWU) - ENV. SCIENCES RSCH LAB-RTP												

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1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S/V/P/C/E	U/P/L/I/E/R	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP/YR/PJ/EC/ES/SI/NG	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.0	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ESRL-OSI	L		0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		134.32	656.53	450.60	0	67.575	135.72	73.71	125.75				
ESRL-NCC	L		117.68	71.46	1979.93	D	37.795	169.98	80.80	666.96	135	108195.	1540.35	
(OAL&U)- MUNICIPAL ENV. RSCH LAB-CIN														
(MERL-CIN)														
ST SUB-TOTAL OSI	H		1.50	17.93	0.0	B	0.385	0.0	252.55	3.75				
MERL-OSI	L		0.83	8.32	202.72	D	0.339	0.0	557.57	6.37	7	3594.	111.36	
ST SUB-TOTAL NCC	H		0.21	25.79	0.65	B	0.062	0.12	0.03	0.15				
MERL-NCC	L		0.43	4.21	41.87	D	0.280	4.87	5.35	16.29	0	1554.	50.55	
ADA														
ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL OSI	H		0.06	2.77	116.14	B	0.093	0.0	83.41	1.16				
ADA-OSI	L		0.01	0.16	3.47	D	0.0	0.0	14.50	0.16	0	4.	23.32	
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ADA-OSI	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
(OAL&U)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL OSI	H		0.65	22.06	178.12	B	1.225	0.0	352.15	7.55				
ATHEN-OSI	L		0.62	13.11	248.66	D	0.228	0.0	440.07	5.39	0	12797.	224.77	
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ATHEN-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
DEP. OF AIR LAND AND WATER USE (OAL&U)- TOTALS														
IT TOTAL-OSI OSI	H		2.24	44.13	294.26	B	1.744	0.0	707.32	12.71				
OAL&U	L		1.58	23.39	435.13	D	0.565	0.0	1051.54	12.37	7	16624.	370.10	

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	IS IE RS VU PL CP LE TY RE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PU EC E SI S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-NCC NCC	H		134.53		632.32	461.25	B	67.637	135.84	73.74	125.90			
DALHU	L		117.51		75.67	2021.80	D	38.076	174.85	86.15	683.25	135	109749.	1591.51
(ORD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-														
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)														
ST SUB-TOTAL OSI	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-RTP	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		158.01		1110.40	332.62	B	42.203	140.69	96.17	184.70			
EMSL-RTP	L		92.19		63.65	1358.55	D	25.073	134.06	40.70	478.92	492	34163.	1151.55
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-														
ST SUB-TOTAL OSI	H		0.27		7.97	0.0	B	0.095	0.0	63.44	0.80			
EMSL-CIN	L		0.50		9.76	253.64	D	0.042	0.0	254.87	2.85	0	1747.	46.32
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-CIN	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(OEMI)-DEP. OF ENERGY MIN. AND INDST HQ ((ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI														
(ORD) DEP. OF ENERGY MINERALS AND INDST (TOTALS														
IT TOTAL-OSI OSI	H		5.28		625.81	17.85	B	8.593	0.0	4103.34	66.69			
OEMI	L		8.04		67.36	2194.26	D	0.937	0.0	3816.04	40.97	94	19741.	964.34
IT TOTAL-NCC NCC	H		158.01		1110.40	332.62	B	42.203	140.69	96.17	184.70			
OEMI	L		92.19		63.65	1358.55	D	25.073	134.06	40.70	478.92	492	34163.	1151.55
(ORD) DEP. OF HEALTH AND ECOL EFFECTS (OH HERL-RTP														

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S U P P L I E R	T E S K	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE PROCESSING	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.44	1.34	0.0		B	0.034	0.0	3.26	0.04			
HERL-RIP	L		0.04	0.64	14.08		D	0.0	0.0	22.41	0.25	0	0.	3.26
ST SUB-TOTAL NCC	H		226.88	1384.41	811.10		B	64.934	228.95	148.70	262.50			
HERL-RIP	L		115.72	112.23	3379.36		J	51.723	185.46	59.64	674.34	2714	221334.	1908.13
(DHEE) - HEALTH EFFECTS RSCH LAB-CIN														
ST SUB-TOTAL OSI	H		0.97	58.18	0.0		B	0.507	0.0	251.40	4.24			
HERL-CIN	L		0.19	2.81	52.40		D	0.036	0.0	201.79	2.24	0	1698.	61.52
ST SUB-TOTAL NCC	H		0.0	0.0	0.0		B	0.0	0.0	0.0	0.0			
HERL-CIN	L		0.0	0.0	0.0		D	0.0	0.0	0.0	0.0	0	3.	0.26
(DHEE) - CORVALLIS														
ST SUB-TOTAL OSI	H		0.0	2.85	112.14		B	0.307	0.0	127.49	2.25			
CORV-OSI	L		0.13	1.92	42.78		D	0.017	0.0	149.77	1.66	2	1172.	45.72
ST SUB-TOTAL NCC	H		0.00	0.06	0.02		B	0.0	0.0	0.03	0.0			
CORV-OSI	L		0.00	0.01	0.22		D	0.0	0.02	0.02	0.05	0	385.	0.30
(DHEE) - GROSSE ILE														
ST SUB-TOTAL OSI	H		17.53	884.52	1297.82		B	15.345	0.0	5316.93	109.57			
GI-OSI	L		6.09	38.29	955.69		D	2.575	0.0	8743.50	97.06	0	41218.	2106.53
ST SUB-TOTAL NCC	H		0.0	0.0	0.0		B	0.0	0.0	0.0	0.0			
GI-NCC	L		0.0	0.0	0.0		D	0.0	0.0	0.0	0.0	0	0.	0.3
(DHEE) - NARRAGANSETT														
ST SUB-TOTAL OSI	H		0.16	34.67	97.91		B	0.603	0.0	154.78	3.48			
NARRA-OSI	L		0.04	0.67	14.84		D	0.0	0.0	34.17	0.36	0	3145.	50.73

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME		MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPYR PROC CODE	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
NARRA-DSI	L	0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	22.	0.18	
(DHEE) - GULF BREEZE														
ST SUB-TOTAL DSI	H	0.80	48.05	0.0		B	0.135	0.0	36.18	0.75				
GB-DSI	L	0.49	7.28	161.87		D	0.033	0.0	413.52	4.59	0	3311.	77.36	
ST SUB-TOTAL NCC	H	0.02	0.18	0.04		B	0.0	0.04	0.04	0.04				
GB-NCC	L	0.0	0.0	0.0		D	0.0	0.0	0.0	0.0	0	3233.	4.74	
(DPD) - DEP. OF HEALTH AND ECOL EFFECTS (TOTALS														
TT TOTAL-DSI	DSI	H 20.32	1029.60	1437.47		B	16.872	0.0	5890.04	120.33				
DHEE	L	6.99	51.62	1251.66		D	2.665	0.0	9564.15	106.16	2	50544.	2344.92	
TT TOTAL-NCC	NCC	H 226.90	1384.65	811.16		B	64.934	228.99	148.77	262.54				
DHEE	L	115.73	112.24	3079.58		D	51.728	185.48	59.66	674.39	2714	226736.	1915.62	
DEP. OF PUBLIC AND TECHNICAL SUPPORT (DHTS ENVIRONMENTAL MONIT SPT LAB-RTP														
ST SUB-TOTAL DSI	H	0.0	0.0	0.0		B	0.0	0.0	0.0	0.0				
EMSL-RTP	L	0.0	0.0	0.0		D	0.0	0.0	0.0	0.0	0	0.	0.0	
ST SUB-TOTAL NCC	H	108.40	812.74	429.65		B	31.039	123.83	72.84	153.73				
EMSL-RTP	L	22.53	71.03	835.78		D	10.733	59.01	69.87	202.84	522	65411.	734.89	
(DHTS) - ENVIRONMENTAL MONIT SPT LAB-CIN														
ST SUB-TOTAL DSI	H	4.84	101.97	9.15		B	0.483	0.0	423.33	5.53				
EMSL-CIN	L	0.91	7.29	173.92		D	0.192	0.0	373.39	4.35	23	12324.	166.31	
ST SUB-TOTAL NCC	H	0.41	23.20	2.53		B	0.0	0.27	0.08	0.44				
EMSL-CIN	L	4.08	7.20	41.10		D	1.019	4.29	2.20	16.13	5	2753.	36.34	

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (184) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (184) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (184) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
(OMIS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB												
ST SUB-TOTAL OSI H		17.73		779.33	289.56 B	8.146	0.0	1404.98	52.69			
LV-OSI L		1.74		40.43	739.89 D	0.653	0.0	1924.21	22.75	0	12827.	728.17
ST SUB-TOTAL NCC H		0.45		13.23	19.43 B	4.382	7.35	0.0	7.09			
LV-NCC L		0.00		0.31	0.36 D	0.0	0.0	0.0	0.0	3862	73.	10.64
(OPD) - OFF. OF MONIT AND TECHNICAL SUPPO												
TOTALS												
TT TOTAL-OSI OSI H		24.20		976.45	298.71 B	8.933	0.0	2149.88	62.22			
OMIS L		2.46		50.98	996.10 D	0.898	0.0	2476.54	29.06	23	26904.	957.51
TT TOTAL-NCC NCC H		109.46		849.45	452.42 B	35.749	131.80	72.92	161.83			
OMIS L		31.43		78.32	951.16 D	11.871	63.58	72.07	220.24	4389	68258.	784.73
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ												
OFF. OF RSCH AND DEVEL (OPD) - TOTALS												
TT TOTAL-OSI OSI H		55.52		2730.51	2138.29 B	37.054	0.0	14224.22	278.26			
ORD L		21.20		205.44	5415.86 D	5.779	0.0	18530.76	206.62	126	140165.	5100.39
TT TOTAL-NCC NCC H		628.90		4047.11	2357.45 B	210.527	637.32	391.60	734.97			
ORD L		357.19		330.76	7352.18 D	126.977	559.43	264.18	2062.79	7730	438906.	5453.48
REGION 1 - BOSTON-												
REGION 1 - BOSTON- TOTALS												
TT TOTAL-OSI OSI H		4.47		567.44	331.74 B	9.974	0.0	1584.28	26.25			
REGION 1 L		0.70		14.01	231.65 D	0.123	0.0	932.73	10.89	58	16763.	431.26

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	IS IE SR VO PL CP EL TY PE RE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP YK PO EC ES SI NG	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC H	9.24	137.26	66.45			B	10.673	13.31	4.09	15.35			
REGION 1	L	1.50	3.50	86.23			D	1.136	3.58	0.67	12.10	55	6676.	21.46
REGION 2 - NEW YORK-														
REGION 2 - NEW YORK- TOTALS														
TT TOTAL-OSI	OSI H	9.04	590.14	474.64			B	6.236	0.0	2860.54	49.65			
REGION 2	L	11.09	124.95	2939.76			D	0.522	0.0	1682.63	18.76	125	12845.	753.73
TT TOTAL-NCC	NCC H	1.31	90.78	51.07			B	8.135	20.44	13.82	22.45			
REGION 2	L	0.44	0.92	46.81			D	0.572	1.62	0.08	5.48	32	854.	60.13
REGION 3 - PHILADELPHIA-														
REGION 3 - PHILADELPHIA- TOTALS														
TT TOTAL-OSI	OSI H	11.46	4667.97	1047.80			B	10.363	0.0	4650.10	82.01			
REGION-3		3.43	51.39	1143.38			D	0.933	0.0	3634.71	40.43	0	11217.	1117.38
TT TOTAL-NCC	NCC H	15.53	259.91	80.37			B	9.975	23.14	9.57	27.88			
REGION-3		0.20	0.90	30.09			D	0.491	1.64	0.0	7.45	0	587.	62.13
REGION 4 - ATLANTA-														
REGION 4 - ATLANTA- TOTALS														
TT TOTAL-OSI	OSI H	67.78	4116.29	2332.61			B	16.993	0.0	7478.02	129.43			
REGION-4		4.65	67.93	1537.29			D	1.943	0.0	4807.91	54.98	0	61995.	1622.19
TT TOTAL-NCC	NCC H	71.69	193.90	136.54			B	11.629	37.84	23.34	44.36			
REGION-4	L	64.66	2.79	90.97			D	16.453	9.28	3.82	40.87	0	7332.	170.54

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S I R V I C E	T L R S U P P L Y	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PUR CHASING	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-															
REGION 5 - CHICAGO- TOTALS															
TT TOTAL-OSI	OSI	H	7.28	627.24	1192.52	B	6.613	0.0	3512.16	56.47					
REGION-5		L	7.26	51.08	1374.48	D	1.032	0.0	4180.64	46.56	0	28668.	1166.53		
TT TOTAL-NCC	NCC	H	144.48	938.41	273.54	B	31.597	79.22	46.29	83.42					
REGION-5		L	24.87	9.84	424.82	D	3.277	20.66	8.93	66.88	0	47805.	292.38		
REGION 6 - DALLAS															
REGION 6 - DALLAS TOTALS															
TT TOTAL-OSI	OSI	H	17.98	735.75	842.67	B	6.105	0.0	3310.94	49.27					
REGION-6		L	3.37	38.89	936.17	D	0.523	0.0	2499.06	27.91	6	11626.	784.96		
TT TOTAL-NCC	NCC	H	8.14	288.71	36.92	B	4.475	10.99	5.24	12.15					
REGION-6		L	0.01	0.02	1.81	D	0.0	0.07	0.04	0.19	0	424.	30.48		
REGION 7 - KANSAS CITY-															
REGION 7 - KANSAS CITY- TOTALS															
TT TOTAL-OSI	OSI	H	7.63	119.12	533.28	B	1.835	0.0	1467.24	19.51					
REGION-7		L	2.43	12.66	321.01	D	0.149	0.0	977.97	10.88	0	2904.	307.98		
TT TOTAL-NCC	NCC	H	1.92	42.33	23.19	B	2.712	6.80	3.83	6.73					
REGION-7		L	0.22	0.46	28.62	D	0.121	2.22	0.50	6.50	0	946.	23.40		
REGION 8 - DENVER-															

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S E N V I R O N M E N T	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPR PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	IPR PROCESSING: SUP HOURS - UNIVAC ONLY	IPR PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	IPR PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER-TOTALS													
TT TOTAL-OSI OSI	H		6.70		425.34	435.91	6.159	0.0	1898.35	40.57			
REGION-8	L		1.00		13.46	310.14	0.112	0.0	924.22	10.69	56	6556.	506.14
TT TOTAL-NCC NCC	H		11.79		111.44	59.28	6.834	18.64	5.71	25.74			
REGION-8	L		5.70		2.21	47.87	0.622	2.66	7.14	9.93	0	983.	61.47
REGION 9 - SAN FRANCISCO-													
REGION 9 - SAN FRANCISCO-TOTALS													
TT TOTAL-OSI OSI	H		2.65		506.67	221.52	6.981	0.0	2903.47	58.76			
REGION-9	L		3.07		298.12	633.33	0.348	0.0	1627.51	18.01	0	9996.	618.14
TT TOTAL-NCC NCC	H		7.72		211.64	35.40	11.154	23.38	265.31	25.50			
REGION-9	L		1.94		11.57	90.72	0.453	4.16	19.30	16.34	0	4322.	78.27
REGION 10 - SEATTLE-													
REGION 10 - SEATTLE-TOTALS													
TT TOTAL-OSI OSI	H		17.29		821.32	517.52	4.143	0.0	2010.32	31.87			
REGION 10	L		0.69		21.99	354.47	0.195	0.0	1185.18	12.69	0	12130.	504.34
TT TOTAL-NCC NCC	H		5.67		14.77	13.21	2.049	4.61	1.55	5.52			
REGION 10	L		0.01		0.02	1.55	0.081	0.16	0.25	0.57	0	41.	10.71
STAFF OFFICES													
STAFF OFFICES-TOTALS													

1985 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	SERVICE TYPE	USER TYPE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPYR PDEC SSIN G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAL ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-DSI	DSI	H		0.46		4.01	0.0	B	0.227	0.0	169.21	2.61			
STAFF OFF		L		9.26		2.18	93.71	D	0.151	0.0	423.96	4.69	16	3724.	88.54
IT TOTAL-NCC	NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
STAFF OFF		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	SERVICE LEVEL	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS. IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS. IN MILLIONS	CONNECT HOURS	TYPE PROCESSING	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)- OFF. OF ADMINISTRATION (OA)														
ST SUB-TOTAL OSI-OA	H	13.44	1664.32	1134.28	B	4.814	0.0	5850.54	70.53					
	L	7.12	77.44	1331.93	D	1.007	0.0	5508.71	45.66	84	55296.	1978.45		
ST SUB-TOTAL NCC-OA	H	54.52	128.30	51.72	B	7.508	22.89	19.63	25.90					
	L	9.14	11.18	302.11	D	3.389	17.87	13.79	62.45	6	16238.	170.74		
(OPM)- OFF. OF PLANNING AND EVAL. (OPE)														
ST SUB-TOTAL OSI-OPE	H	0.60	67.83	1.33	B	0.974	0.0	579.74	9.32					
	L	0.79	10.87	241.98	D	0.0	0.0	336.42	3.75	0	5894.	141.39		
ST SUB-TOTAL NCC-OPE	H	2.25	379.51	52.37	B	3.797	22.72	8.44	25.43					
	L	0.15	0.47	15.96	D	0.108	0.75	0.22	3.08	0	860.	40.57		
(OPM)- OFF. OF RESOURCE MGT. (ORM)														
ST SUB-TOTAL OSI-ORM	H	161.35	1789.06	544.93	B	20.287	0.0	13159.32	178.98					
	L	3.58	29.71	1673.97	D	0.870	0.0	3020.94	43.92	1480	75233.	1933.91		
ST SUB-TOTAL NCC-ORM	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
(OPM)- TOTALS														
TT TOTAL-OSI OPM	H	175.41	3523.70	1690.54	B	26.075	0.0	16589.59	258.83					
	L	11.50	118.24	3752.76	D	1.877	0.0	8886.67	93.59	1564	136425.	4056.36		
TT TOTAL-NCC OPM	H	56.77	507.82	104.09	B	11.295	45.61	28.07	51.33					
	L	9.29	11.65	318.07	D	3.497	18.62	14.01	65.53	6	17099.	211.31		
OFF. OF ENFORCEMENT (OE)- OFF. OF GENERAL ENFORCEMENT (OGE)														

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	SUB	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PROCESSING	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	M	37.38	555.17	1129.64	B	13.553	0.0	7930.79	114.50					
OSI-OGE	L	17.78	54.28	1218.85	D	0.875	0.0	3022.00	33.44	234	52694.	1526.12		
ST SUB-TOTAL NCC	M	0.21	66.30	6.08	B	2.539	10.54	6.72	5.42					
NCC-OGE	L	0.11	0.34	21.65	D	0.031	0.24	0.57	1.14	0	1328.	19.32		
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)														
ST SUB-TOTAL OSI	M	12.91	746.13	0.0	B	6.241	0.0	3467.93	48.53					
OSI-OWE	L	1.40	1.47	177.54	D	0.044	0.0	458.77	5.10	0	40555.	614.31		
ST SUB-TOTAL NCC	M	0.0	0.18	0.0	B	0.0	0.0	0.0	0.0					
NCC-OWE	L	0.00	0.01	0.69	D	0.0	0.0	0.0	0.03	0	0.	0.3		
(OE)-- OFF. OF MOBL SOURCE AND NOISE ENF. (OMSNE														
ST SUB-TOTAL OSI	M	9.18	13.53	0.0	B	2.045	0.0	1291.18	25.92					
OSI-OMSNE	L	5.47	17.92	1034.23	D	0.435	0.0	1880.04	21.30	164	23812.	466.20		
ST SUB-TOTAL NCC	M	2.50	4.58	13.59	B	0.789	3.55	1.51	3.95					
NCC-OMSNE	L	0.32	0.63	37.95	D	0.362	0.94	0.26	3.02	36	8778.	87.18		
OFF. OF ENFORCEMENT-TOTALS														
TT TOTAL-OSI OSI	M	55.57	1316.68	1129.64	B	21.833	0.0	12728.83	189.37					
OE	L	24.65	73.70	2401.13	D	1.354	0.0	5361.73	59.88	398	117073.	2609.12		
TT TOTAL-NCC NCC	M	2.71	71.07	19.67	B	3.328	14.09	8.23	9.37					
OE	L	0.43	0.98	60.29	D	0.393	1.18	0.83	4.19	36	9806.	106.29		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)														
ST SUB-TOTAL OSI	M	1.33	1.27	0.0	B	19.923	0.0	8043.90	132.71					
OSW-OSI	L	2.83	76.68	770.15	D	3.373	0.0	3737.60	41.38	0	42679.	1569.30		

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	SE RV ICE CLASS	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/BATCH	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCPS (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H		0.24		30.78	3.14	B	0.333	0.75	0.0	0.90			
DSH-NCC	L		0.46		0.55	22.35	D	0.153	0.90	0.0	4.04	0	525.	9.39
DEP. OF WATER AND HZRD MATLS (DWHM)- DEP. OF WATER PLANNING AND SYNDRES (DWPS)														
ST SUB-TOTAL DSI	H		75.34		356.94	1221.26	B	33.795	0.0	15528.38	250.84			
DWPS-DSI	L		11.02		151.73	2392.49	D	5.936	0.0	5887.34	67.51	3368	256222.	3506.93
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
DWPS-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	44.	0.12
DEP. OF WATER AND HZRD MATLS (DWHM)- DEP. OF WATER PROGRAM OPERATIONS (DWPO)														
ST SUB-TOTAL DSI	H		127.01		638.14	0.0	B	10.893	0.0	11568.75	129.61			
DWPO-DSI	L		8.69		61.54	2532.01	D	2.178	0.0	7003.09	78.14	889	78102.	2221.25
ST SUB-TOTAL NCC	H		0.0		28.35	0.0	B	0.0	0.0	0.0	0.0			
DWPO-NCC	L		0.85		9.45	50.09	D	2.204	6.27	6.53	23.68	0	2501.	38.31
DEP. OF WATER AND HZRD MATLS (DWHM)- DEP. OF WATER SUPPLY (DWS)														
ST SUB-TOTAL DSI	H		20.49		513.07	160.56	B	10.037	0.0	3017.85	41.25			
DWS-DSI	L		1.55		41.96	789.71	D	3.134	0.0	1557.66	17.01	986	50907.	928.37
ST SUB-TOTAL NCC	H		2775.22		327.76	292.39	B	21.564	94.81	9.92	113.60			
DWS-NCC	L		23.72		18.40	535.48	D	12.633	43.25	8.44	155.24	60	57433.	500.36
DEP. OF WATER AND HZRD MATLS (DWHM)- TOTALS														
IT TOTAL-DSI DSI	H		224.17		1509.62	1381.82	B	74.633	0.0	30158.68	594.41			
DWHM	L		24.40		281.91	7554.34	D	14.668	0.0	18185.69	204.04	5243	427910.	8276.94
IT TOTAL-NCC NCC	H		2775.46		386.90	295.53	B	21.864	95.56	9.92	114.50			
DWHM	L		25.04		28.41	607.92	D	14.787	50.42	14.97	182.96	60	60503.	547.49

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ACTIVITY NAME	R V O P L I N G	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC E S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF AIR QUAL PLANNING AND STNDRDS (OA														
ST SUB-TOTAL OSI	H	10.72	10.69	0.0	B	0.274	0.0	414.03	5.04					
OAQPS-OSI	L	0.15	2.11	24.68	D	0.059	0.0	202.85	2.25	0	944.	92.30		
ST SUB-TOTAL NCC	H	1602.78	3728.24	2239.84	B	342.951	958.03	632.76	1058.88					
OAQPS-NCC	L	94.22	177.94	4341.86	D	79.492	313.63	132.06	1233.78	3036	270858.	4433.22		
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O														
ST SUB-TOTAL OSI	H	0.24	4.00	0.0	B	0.073	0.0	65.86	0.82					
OMSAP-OSI	L	0.13	1.90	42.15	D	0.0	0.0	69.30	0.78	0	112.	20.52		
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
OMSAP-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF NOISE ABATEMENT AND CONTROL (ONAC														
ST SUB-TOTAL OSI	H	1.93	77.48	0.0	B	5.129	0.0	658.74	30.36					
ONAC-OSI	L	0.22	30.01	370.54	D	0.273	0.0	859.59	9.59	0	8856.	343.94		
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ONAC-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM)														
OFF. OF RADIATION PROGRAMS (ORP)-														
ST SUB-TOTAL OSI	H	0.83	98.19	18.16	B	0.663	0.0	283.89	5.85					
ORP-OSI	L	0.52	51.95	663.05	D	0.152	0.0	1033.29	11.44	91	6752.	203.18		
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ORP-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM)-														
TOTALS														

1995 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME		MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/PD/EC/S/I/N/G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-DSI	DSI	H	14.78		208.01	18.16	B	7.039	0.0	1644.17	47.72			
DARM		L	1.13		87.69	1125.46	D	0.484	0.0	2299.12	25.54	91	16757.	709.54
IT TOTAL-NCC	NCC	H	1602.79		3728.53	2301.87	B	342.951	958.08	632.76	1058.92			
DARM		L	94.24		177.96	4343.16	D	78.492	310.68	132.06	1233.96	3036	270880.	4433.56
DEF. OF TOXIC SUBSTNCS. (DTS)- DEF. OF PRGM. INTEGRATION/INFO														
ST SUB-TOTAL DSI -DSI	DSI	H	39.47		173.90	930.00	B	37.313	0.0	11021.98	149.45			
		L	0.63		22.28	294.72	D	2.232	0.0	3005.92	54.95	357	37120.	3200.15
ST SUB-TOTAL NCC -NCC	NCC	H	6.59		307.32	248.10	B	52.368	120.36	87.72	137.28			
		L	3.16		8.38	194.52	D	2.514	12.30	7.08	50.10	576	32256.	450.39
DEF. OF TOXIC SUBSTNCS. (DTS)- DEF. OF PESTICIDE PROGRAMS (OPP)														
ST SUB-TOTAL DSI OPP-DSI	DSI	H	222.72		3768.16	816.16	B	54.425	0.0	17838.25	260.99			
		L	8.07		184.31	3043.65	D	4.777	0.0	10262.08	113.98	3126	132731.	3672.12
ST SUB-TOTAL NCC OPP-NCC	NCC	H	0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
		L	0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
DEF. OF TOXIC SUBSTNCS (DTS)- TOTALS														
IT TOTAL-DSI	DSI	H	262.19		3942.06	1716.16	B	91.743	0.0	28860.22	410.44			
DTS		L	8.70		206.59	3338.37	D	7.009	0.0	13268.00	168.93	3483	169959.	6872.27
IT TOTAL-NCC	NCC	H	6.59		307.32	248.10	B	52.368	120.36	87.72	137.28			
DTS		L	3.16		8.38	194.52	D	2.514	12.30	7.08	50.10	576	32256.	450.39
DEF. OF RSCH AND DEVEL (DRD)- DEF. OF AIR LAND AND WATER USE (DALWU)-														
(DALWU) - ENV. SCIENCES RSCH LAB-RTP														

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	STI RVP EC	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PD/EC ES SS II NG	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H	0.0		0.0	0.0		B	0.0	0.0	0.0	0.0			
ESRL-OSI	L	0.0		0.0	0.0		D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H	211.34		1026.49	719.17		B	89.941	210.20	114.53	196.39			
ESRL-NCC	L	103.84		111.52	3098.52		D	59.013	265.24	126.44	1040.81	205	168140.	2397.86
(DALAU)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)														
ST SUB-TOTAL OSI	H	2.09		24.24	0.0		B	0.534	0.0	348.27	5.17			
MERL-OSI	L	1.13		11.15	272.91		D	0.468	0.0	751.54	8.59	11	4845.	150.33
ST SUB-TOTAL NCC	H	0.28		34.62	0.87		B	0.083	0.17	0.04	0.20			
MERL-NCC	L	0.58		5.65	56.20		D	0.375	6.55	7.18	21.86	0	2386.	68.30
ADA ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL OSI	H	0.08		3.64	155.40		B	0.130	0.0	111.61	1.56			
ADA-OSI	L	0.01		0.21	4.64		D	0.0	0.0	19.39	0.21	0	5.	32.31
ST SUB-TOTAL NCC	H	0.0		0.0	0.0		B	0.0	0.0	0.0	0.0			
ADA-NCC	L	0.0		0.0	0.0		D	0.0	0.0	0.0	0.0	0	0.	0.0
(DALAU)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL OSI	H	0.88		30.07	242.81		B	1.672	0.0	474.72	10.46			
ATHEN-OSI	L	0.83		17.54	336.43		D	0.313	0.0	598.93	7.36	0	17691.	304.57
ST SUB-TOTAL NCC	H	0.0		0.0	0.0		B	0.0	0.0	0.0	0.0			
ATHEN-NCC	L	0.0		0.0	0.0		D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR LAND AND WATER USE (DALAU)- TOTALS														
TT TOTAL-OSI (ST	H	3.10		59.95	398.21		B	2.339	0.0	960.30	17.52			
DALAU	L	2.14		31.62	667.08		D	0.791	0.0	1422.56	16.75	11	22849.	500.36

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	ACTIVITY TYPE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: TYPE OF SYSTEM	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-VCC NCC DALAU	H		211.62		1061.10	720.04	B	90.024	210.37	114.57	196.59			
	L		184.42		117.17	3144.72	D	59.383	271.79	133.62	1062.67	205	170226.	2465.36
(ORD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-														
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)														
ST SUB-TOTAL OST EMSL-RTP	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC EMSL-RTP	H		226.83		1620.52	492.42	B	62.077	202.90	140.12	267.13			
	L		133.86		91.50	1949.89	D	36.438	194.13	58.04	689.57	741	51445.	1659.53
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-														
ST SUB-TOTAL OST EMSL-CIN	H		0.51		10.93	0.0	B	0.130	0.0	87.40	1.12			
	L		0.69		13.15	350.46	D	0.059	0.0	349.23	3.89	0	2418.	63.55
ST SUB-TOTAL NCC EMSL-CIN	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(OEMI)-OFF. OF ENERGY MIN. AND INDST RS (ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI														
(ORD) OFF. OF ENERGY MINERALS AND INDST (TOTALS														
IT TOTAL-OST OST OFFI	H		7.55		891.56	24.61	B	12.232	0.0	5858.54	95.24			
	L		11.35		92.77	3061.60	D	1.294	0.0	5384.32	57.84	138	28309.	1374.75
IT TOTAL-VCC NCC OEMI	H		226.83		1620.52	492.42	B	62.077	202.90	140.12	267.13			
	L		133.86		91.50	1949.89	D	36.438	194.13	58.04	689.57	741	51445.	1659.53
(ORD) OFF. OF HEALTH AND ECOL EFFECTS (OH HEEL-RTP														

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	ST	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H	0.57	1.73	0.0	B	0.005	0.0	4.22	0.05				
HERL-RTP	L	0.06	0.82	18.23	D	0.0	0.0	29.01	0.32	0	0.	4.22	
ST SUB-TOTAL NCC	H	300.05	1788.63	1057.47	B	84.224	299.81	191.36	343.90				
HERL-RTP	L	144.00	143.99	3961.73	D	65.242	238.15	75.82	865.66	3546	283817.	2468.76	
(CHEE) - HEALTH EFFECTS RSCH LAB-CIN													
ST SUB-TOTAL OSI	H	1.29	77.90	0.0	B	0.678	0.0	336.63	5.68				
HERL-CIN	L	0.25	3.76	93.57	D	0.047	0.0	270.21	3.00	0	2274.	82.37	
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
HERL-CIN	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	4.	0.37	
(CHEE) - CORVALLIS													
ST SUB-TOTAL OSI	H	0.0	4.31	161.52	B	0.454	0.0	188.02	3.35				
CORV-OSI	L	0.20	2.92	64.94	D	0.024	0.0	220.99	2.47	3	1838.	69.59	
ST SUB-TOTAL NCC	H	0.00	0.09	0.02	B	0.0	0.0	0.05	0.0				
CORV-OSI	L	0.00	0.01	0.34	D	0.0	0.02	0.02	0.07	0	583.	0.46	
(CHEE) - GROSSE ILE													
ST SUB-TOTAL OSI	H	19.38	965.05	1355.16	B	17.299	0.0	6029.21	123.93				
GI-OSI	L	6.94	41.02	1359.22	D	2.933	0.0	9957.29	110.52	0	47294.	2386.45	
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
GI-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
(CHEE) - NARRAGANSETT													
ST SUB-TOTAL OSI	H	0.76	45.58	112.09	B	0.794	0.0	203.52	4.58				
NARRA-OSI	L	0.06	0.88	19.52	D	0.0	0.0	44.92	0.48	0	4136.	66.59	

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	ST	IT	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IP/PROC SYS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
NARRA-DSI	L		0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	35.	0.29	
(DHEE) - GULF BREEZE															
ST SUB-TOTAL DSI	H		1.05	63.18	0.0		B	0.137	0.0	47.57	0.98				
GB-DSI	L		0.64	9.58	212.83		D	0.049	0.0	543.75	6.04	0	4354.	101.32	
ST SUB-TOTAL NCC	H		0.03	0.23	0.05		B	0.0	0.05	0.05	0.05				
GB-NCC	L		0.0	0.0	0.0		D	0.0	0.0	0.0	0.0	0	4249.	6.23	
(DHD) - OFF. OF HEALTH AND ECOL EFFECTS (															
TOTALS															
TT TOTAL-DSI DSI	H		23.05	1157.77	1628.77		B	19.367	0.0	6809.17	138.57				
DHEE	L		8.15	58.99	1458.31		D	3.053	0.0	11066.16	122.83	3	59895.	2710.74	
TT TOTAL-NCC NCC	H		300.09	1788.95	1357.54		B	84.224	299.86	191.48	343.95				
DHEE	L		144.00	144.00	3942.07		D	65.242	238.17	75.84	865.73	3546	291302.	2478.76	
OFF. OF MONIT AND TECHNICAL SUPPORT (OMTS															
ENVIRONMENTAL MONIT SPT LAB-RTP															
ST SUB-TOTAL DSI	H		0.0	0.0	0.0		B	0.0	0.0	0.0	0.0				
EMSL-RTP	L		0.0	0.0	0.0		D	0.0	0.0	0.0	0.0	0	0.	0.0	
ST SUB-TOTAL NCC	H		138.98	1060.93	550.55		B	39.739	158.62	93.37	196.94				
EMSL-RTP	L		28.84	83.73	1031.49		D	13.723	75.55	89.30	268.91	657	83516.	941.39	
(OMTS) - ENVIRONMENTAL MONIT SPT LAB-CIN															
ST SUB-TOTAL DSI	H		6.49	136.39	12.87		B	0.653	0.0	570.47	7.46				
EMSL-CIN	L		0.68	9.75	233.40		D	0.259	0.0	500.92	5.82	33	16581.	224.36	
ST SUB-TOTAL NCC	H		0.71	32.16	3.51		B	0.0	0.38	0.11	0.61				
EMSL-CIN	L		6.35	9.98	56.99		D	1.412	5.95	3.05	22.37	7	3917.	50.33	

ACTIVITY NAME	MONTHLY INPUT TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAL ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
(OMIS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB												
ST SUB-TOTAL OSI H		24.98		1090.84	438.04 B	11.526	0.0	1964.07	74.23			
LV-OSI L		2.44		57.02	1040.85 D	0.942	0.0	2709.10	32.03	0	18106.	1022.23
ST SUB-TOTAL NCC H		0.61		18.68	27.28 B	6.217	10.00	0.0	10.06			
LV-NCC L		0.01		0.02	0.48 D	0.0	0.0	0.0	0.0	5503	99.	15.37
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO TOTALS												
IT TOTAL-OSI OSI H		33.87		1367.34	420.91 B	12.593	0.0	3008.00	87.58			
OMIS L		3.44		71.56	1380.70 D	1.262	0.0	3473.49	40.74	33	37267.	1338.35
IT TOTAL-NCC NCC H		140.31		1092.20	532.54 B	46.439	169.96	93.48	208.45			
OMIS L		41.55		93.85	1334.74 D	15.312	81.92	92.35	293.15	6167	87462.	1010.76
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ												
OFF. OF RSCH AND DEVEL (ORD) - TOTALS												
IT TOTAL-OSI OSI H		72.65		3642.82	2472.50 B	47.943	0.0	18633.81	362.64			
ORD L		28.19		272.45	7230.46 D	7.453	0.0	23701.70	264.36	185	186460.	6596.35
IT TOTAL-NCC NCC H		878.64		5590.59	2842.54 B	282.764	883.09	539.65	1016.12			
ORD L		504.28		447.73	10137.74 D	176.697	788.01	367.52	2919.33	10659	600139.	7628.91
REGION 1 - BOSTON-												
REGION 1 - BOSTON- TOTALS												
IT TOTAL-OSI OSI H		6.04		774.73	541.53 B	15.161	0.0	2172.59	36.07			
REGION 1 L		0.96		19.14	339.07 D	0.155	0.0	1280.91	15.26	83	22929.	588.69

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAL ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC NCC H	12.99	155.00	76.05	B 11.212	15.46	4.69	17.81					
REGION 1 L	2.18	4.02	135.25	D 1.325	4.23	0.79	14.25	79	9183.	30.16		
REGION 2 - NEW YORK-												
REGION 2 - NEW YORK- TOTALS												
TT TOTAL-OSI OSI H	12.98	855.00	667.29	B 8.693	0.0	4083.58	70.31					
REGION 2 L	15.46	170.14	4021.33	D 0.726	0.0	2355.12	26.24	172	18123.	1063.16		
TT TOTAL-NCC NCC H	1.83	126.65	35.20	B 11.349	28.51	19.28	31.31					
REGION 2 L	0.62	1.28	58.10	D 0.793	2.28	0.12	7.64	45	1192.	83.54		
REGION 3 - PHILADELPHIA-												
REGION 3 - PHILADELPHIA- TOTALS												
TT TOTAL-OSI OSI H	16.88	6476.88	1543.62	B 15.265	0.0	6854.35	120.84					
REGION-3	5.06	75.67	1633.78	D 1.324	0.0	5352.21	59.54	0	16586.	1645.30		
TT TOTAL-NCC NCC H	22.86	382.61	118.32	B 14.684	34.06	14.09	41.04					
REGION-3	0.29	1.33	44.29	D 0.723	2.41	0.0	10.96	0	1311.	91.47		
REGION 4 - ATLANTA-												
REGION 4 - ATLANTA- TOTALS												
TT TOTAL-OSI OSI H	86.21	5375.66	2669.38	B 21.675	0.0	9546.63	165.29					
REGION-4	5.93	86.54	2356.74	D 2.485	0.0	5034.03	69.14	0	79193.	2164.13		
TT TOTAL-NCC NCC H	99.12	253.11	157.80	B 15.909	52.09	32.32	61.11					
REGION-4 L	69.54	3.47	111.37	D 22.013	17.77	5.23	56.00	0	9738.	234.39		

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	S E R V P C E	T E S U P L E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-															
REGION 5 - CHICAGO- TOTALS															
TT TOTAL-OSI	OSI	H	9.58	813.00	1535.44	B	8.703	0.0	4640.32	74.28					
REGION-5		L	9.63	66.45	1800.80	D	1.342	0.0	5487.45	61.11	0	37608.	1531.39		
TT TOTAL-NCC	NCC	H	191.59	1232.50	358.72	B	41.524	104.21	60.88	109.63					
REGION-5		L	32.98	12.96	558.90	D	4.323	27.22	11.76	88.15	0	63340.	384.33		
REGION 6 - DALLAS															
REGION 6 - DALLAS TOTALS															
TT TOTAL-OSI	OSI	H	24.82	1013.75	1156.45	B	8.637	0.0	4645.[illegible]	69.54					
REGION-6		L	4.61	53.08	1352.83	D	0.731	0.0	3468.[illegible]	38.75	9	15795.	1088.99		
TT TOTAL-NCC	NCC	H	11.00	389.96	69.87	B	6.045	14.85	7.08	16.42					
REGION-6		L	0.01	0.03	2.45	D	0.0	0.10	0.06	0.26	0	573.	41.17		
REGION 7 - KANSAS CITY-															
REGION 7 - KANSAS CITY- TOTALS															
TT TOTAL-OSI	OSI	H	10.34	164.23	595.56	B	2.566	0.0	2083.53	27.50					
REGION-7		L	3.41	17.31	441.58	D	0.207	0.0	1349.51	15.00	0	4115.	425.63		
TT TOTAL-NCC	NCC	H	2.77	58.62	32.79	B	3.763	9.54	5.41	9.43					
REGION-7		L	0.31	0.63	39.28	D	0.165	3.04	0.69	8.90	0	1336.	32.49		
REGION 9 - DENVER-															

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	TYPE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS. IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS. IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER- TOTALS													
TT TOTAL-DSI DSI REGION-8	H	9.09	580.94	591.37	8	8.323	0.0	2635.73	55.07				
	L	1.36	18.29	422.04	0	0.159	0.0	1268.16	14.54	79	8966.	691.16	
TT TOTAL-NCC NCC REGION-8	H	16.18	152.52	81.58	8	9.473	25.80	7.88	35.65				
	L	7.94	3.07	65.69	3	0.866	3.69	9.90	13.79	0	1354.	85.28	
REGION 9 - SAN FRANCISCO-													
REGION 9 - SAN FRANCISCO- TOTALS													
TT TOTAL-DSI DSI REGION-9	H	3.62	671.77	296.21	8	9.335	0.0	3896.28	75.29				
	L	3.98	361.89	447.39	0	0.453	0.0	2162.49	23.93	0	13507.	831.10	
TT TOTAL-NCC NCC REGION-9	H	9.20	266.86	135.92	8	13.979	30.06	302.73	32.32				
	L	2.36	12.13	112.66	0	0.594	5.06	21.98	19.81	0	5172.	96.53	
REGION 10 - SEATTLE-													
REGION 10 - SEATTLE- TOTALS													
TT TOTAL-DSI DSI REGION 10	H	22.16	1100.23	797.57	8	5.363	0.0	2572.62	40.96				
	L	0.92	28.36	472.60	0	0.249	0.0	1546.72	16.58	0	15321.	646.54	
TT TOTAL-NCC NCC REGION 10	H	7.15	18.61	16.65	8	2.576	5.82	1.96	6.96				
	L	0.01	0.03	1.95	3	0.133	0.21	0.32	0.72	0	52.	13.50	
STAFF OFFICES													
STAFF OFFICES- TOTALS													

1990 WORKLOAD DATA FOR SCENARIO 1

ACTIVITY NAME	IS IF IR IV IT IE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP YR PD EC S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-OSI	IST H		0.79		5.13	0.0	B	0.294	0.0	219.37	3.37			
STAFF OFF	L		12.06		2.83	121.78	D	0.197	0.0	551.05	6.09	20	4811.	116.50
TT TOTAL-NCC	NCC H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
STAFF OFF	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)-												
OFF. OF ADMINISTRATION (OA)												
ST SUB-TOTAL OSI H	10.18	1296.90	570.00	B	3.722	0.0	4493.13	54.18				
OSI-OA L	5.13	59.15	1060.99	D	0.755	0.0	4207.16	34.74	64	42131.	1534.54	
ST SUB-TOTAL NCC H	40.65	98.62	39.65	B	5.767	17.55	14.98	19.83				
NCC-OA L	6.90	8.61	232.33	D	2.635	13.74	10.57	48.34	5	12453.	130.96	
(OPM)-												
OFF. OF PLANNING AND EVAL. (OPE)												
ST SUB-TOTAL OSI H	0.48	53.97	1.07	B	0.775	0.0	461.46	7.42				
OSI-OPE L	0.63	8.65	192.62	D	0.0	0.0	267.78	2.99	0	4691.	112.31	
ST SUB-TOTAL NCC H	1.70	286.91	39.59	B	2.863	17.18	6.38	19.23				
NCC-OPE L	0.11	0.36	12.07	D	0.082	0.57	0.16	2.33	0	651.	30.67	
(OPM)-												
OFF. OF RESOURCE MGT. (ORM)												
ST SUB-TOTAL OSI H	119.21	1230.73	337.55	B	13.869	0.0	6057.07	121.01				
OSI-ORM L	2.50	20.21	1248.03	D	0.587	0.0	2941.72	32.91	1008	52316.	1345.31	
ST SUB-TOTAL NCC H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
NCC-ORM L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
(OPM)-												
TOTALS												
TT TOTAL-OSI OSI H	129.18	2553.34	1258.62	B	18.357	0.0	11011.65	182.61				
OPM L	8.27	81.17	2505.13	D	1.353	0.0	6531.36	70.78	1072	99140.	2993.30	
TT TOTAL-NCC NCC H	42.35	385.53	79.24	B	8.630	34.73	21.36	39.06				
OPM L	7.01	8.96	244.40	D	2.717	14.31	10.73	50.37	5	13103.	161.63	
OFF. OF ENFORCEMENT (OE)-												
OFF. OF GENERAL ENFORCEMENT (OGE)												

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S E R V I C E	T L R S M P L P I T Y	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		21.62	289.51	572.23	B	8.129	0.0	4547.02	66.67					
OSI-ONE	L		8.11	28.75	640.71	D	0.503	0.0	1745.51	19.30	178	31345.	846.91		
ST SUB-TOTAL NCC	H		0.16	83.54	5.43	B	1.177	5.46	3.06	3.97					
NCC-ONE	L		0.06	0.17	11.04	D	0.039	0.18	0.20	0.73	0	307.	6.33		
(OFF)-- OFF. OF WATER ENFORCEMENT (OWE)															
ST SUB-TOTAL OSI	H		10.68	501.69	0.0	B	4.265	0.0	2356.83	33.06					
OSI-OWE	L		1.16	0.99	121.39	D	0.031	0.0	313.27	3.47	0	28195.	414.53		
ST SUB-TOTAL NCC	H		0.0	0.12	0.0	B	0.0	0.0	0.0	0.0					
NCC-OWE	L		0.00	0.01	0.44	D	0.0	0.0	0.0	0.02	0	0.	0.0		
(OFF)-- OFF. OF MOBILE SOURCE AND NOISE ENF. (OMSNE															
ST SUB-TOTAL OSI	H		3.08	8.45	0.0	B	1.242	0.0	776.07	16.50					
OSI-OMSNE	L		3.43	11.11	615.05	D	0.265	0.0	1172.92	13.30	109	14367.	284.13		
ST SUB-TOTAL NCC	H		1.41	2.58	7.65	B	0.439	1.98	0.84	2.20					
NCC-OMSNE	L		0.18	0.36	21.36	D	0.202	0.53	0.14	1.69	20	4951.	73.33		
OFF. OF ENFORCEMENT-TOTALS															
ST TOTAL-OSI OSI	H		35.33	800.39	572.23	B	13.634	0.0	7699.21	116.44					
OE	L		12.71	40.85	1377.43	D	0.803	0.0	3232.16	36.09	287	73953.	1546.94		
ST TOTAL-NCC NCC	H		1.57	86.23	13.08	B	1.615	7.44	3.90	6.17					
OE	L		0.24	0.53	32.84	D	0.241	0.71	0.34	2.44	20	5257.	80.16		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)															
ST SUB-TOTAL OSI	H		0.98	0.94	0.0	B	14.953	0.0	6037.00	99.61					
OSW-OSI	L		2.17	20.31	578.00	D	2.533	0.0	2805.20	31.06	0	32032.	1177.93		

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	SYS TYP	MONTHLY INPUT TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PD/EC E/S I/N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
SI SUB-TOTAL NCC	H	0.18	23.60	2.41	B	0.233	0.58	0.0	0.69			
OSW-NCC	L	0.36	0.43	17.14	D	0.115	0.69	0.0	3.10	0	403.	6.90
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND SYNDRUS (OWPS)														
SI SUB-TOTAL OSI	H	39.65	190.49	652.09	B	18.263	0.0	8349.32	135.34					
OWPS-OSI	L	5.01	81.50	1583.73	D	3.257	0.0	3119.48	36.41	1772	134824.	1875.65
SI SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0			
OWPS-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	23.	0.36
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)														
SI SUB-TOTAL OSI	H	79.95	413.79	0.0	B	6.548	0.0	5572.12	78.10					
OWPO-OSI	L	5.37	38.49	1554.98	D	1.303	0.0	4247.51	47.36	487	46773.	1360.66
SI SUB-TOTAL NCC	H	0.0	16.48	0.0	B	0.0	0.0	0.0	0.0			
OWPO-NCC	L	0.49	5.49	29.11	D	1.281	3.64	3.80	13.76	0	1454.	22.39
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)														
SI SUB-TOTAL OSI	H	11.48	287.49	89.95	B	5.607	0.0	1691.00	23.12					
OWS-OSI	L	1.09	73.51	442.49	D	1.756	0.0	872.81	9.53	552	28525.	548.55
SI SUB-TOTAL NCC	H	1555.04	183.66	163.83	B	12.083	53.12	5.56	63.66			
OWS-NCC	L	13.29	10.31	350.04	D	7.080	24.23	4.73	86.99	34	32182.	280.37
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS														
TI TOTAL-OSI OSI	H	132.26	892.71	742.05	B	45.369	0.0	22649.44	336.17					
OWHM	L	14.39	163.52	4159.20	D	8.845	0.0	11044.99	124.36	2811	242154.	4962.25
TI TOTAL-NCC NCC	H	1555.23	223.73	156.24	B	12.313	53.70	5.56	64.35			
OWHM	L	14.14	16.23	346.29	D	8.475	28.56	8.53	103.85	34	34060.	309.42

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S E R V I C E TYPE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP/TR PD/EC E/S S/S I/N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAL ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF AIR QUAL PLANNING AND STNDRDS (OA														
ST SUB-TOTAL OSI	H	7.15	7.13	0.0	B	0.193	0.0	276.71	3.37					
OAQPS-OSI	L	0.10	1.41	9.06	D	0.041	0.0	135.96	1.50	0	631.	61.50		
ST SUB-TOTAL NCC	H	1066.60	2511.19	1543.51	B	229.794	645.08	425.80	712.57					
OAQPS-NCC	L	64.07	120.01	2955.54	D	52.974	210.36	89.58	836.00	2070	182297.	2980.14		
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O														
ST SUB-TOTAL OSI	H	0.15	2.52	0.0	B	0.345	0.0	41.50	0.52					
OMSAP-OSI	L	0.08	1.20	26.52	D	0.0	0.0	43.65	0.49	0	70.	13.33		
ST SUB-TOTL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
OMSAP-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF NOISE ABATEMENT AND CONTROL (ONAC														
ST SUB-TOTAL OSI	H	1.25	50.11	0.0	B	3.318	0.0	426.04	19.63					
ONAC-OSI	L	0.14	19.41	239.66	D	0.173	0.0	555.96	6.21	0	5728.	222.43		
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ONAC-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM) OFF. OF RADIATION PROGRAMS (ORP)-														
ST SUB-TOTAL OSI	H	0.55	65.19	12.06	B	0.443	0.0	189.02	3.89					
ORP-OSI	L	0.33	34.40	437.25	D	0.131	0.0	604.42	7.57	61	4474.	134.72		
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ORP-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM)- TOTALS														

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S/T	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR/PO/EC/SS/JN/G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-OSI OSI H		9.77	136.12	12.06	B	4.556	0.0	1073.59	30.99					
OAPM L		0.73	57.50	723.54	D	0.323	0.0	1504.46	16.71	61	10961.	463.18		
TT TOTAL-NCC NCC H		1066.60	2511.38	1544.79	B	229.794	645.11	425.80	712.59					
OAPM L		64.08	120.32	2956.37	D	52.974	210.39	89.59	836.11	2070	182311.	2980.62		
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PRGM. INTEGRATION/INFO														
ST SUB-TOTAL OSI H		25.64	112.78	585.00	B	25.143	0.0	7130.91	96.69					
-OSI L		0.41	14.33	189.68	D	1.445	0.0	1933.03	35.55	230	24071.	2070.45		
ST SUB-TOTAL NCC H		2.65	133.17	137.51	B	22.693	52.16	38.01	59.49					
-NCC L		1.37	3.63	84.29	D	1.089	5.33	3.07	21.71	249	13378.	195.30		
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PESTICIDE PROGRAMS (OPP)														
ST SUB-TOTAL OSI H		109.89	2256.23	458.46	B	43.744	0.0	8486.68	143.10					
OPP-OSI L		4.31	111.23	1535.14	D	2.622	0.0	5640.68	62.58	1684	71539.	2015.51		
ST SUB-TOTAL NCC H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
OPP-NCC L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF TOXIC SUBSTNCS (OTS)- TOTALS														
TT TOTAL-OSI OSI H		135.53	2369.01	1353.46	B	87.887	0.0	15617.58	239.79					
OTS L		4.72	125.56	1794.82	D	4.063	0.0	7573.71	98.13	1914	95560.	4085.91		
TT TOTAL-NCC NCC H		2.65	133.17	137.51	B	22.693	52.16	38.01	59.49					
OTS L		1.37	3.63	84.29	D	1.089	5.33	3.07	21.71	249	13378.	195.30		
OFF. OF RSCH AND DEVEL (ORD)- OFF. OF ATM LAND AND WATER USE (OALAU)- (OALAU) - DIV. SCIENCES RSCH LAB-RTP														

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S E R V I C E TYPE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PO/EC/S/T/M/G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ESRL-OSI	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H	100.30	531.22	373.23	B	60.016	110.54	59.92	101.88			
ESRL-NCC	L	94.52	57.92	1635.34	D	30.623	137.78	65.36	540.63	112	87939.	1251.26
(DALWU)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)														
ST SUB-TOTAL OSI	H	1.18	14.47	0.0	B	0.334	0.0	200.09	2.96					
MERL-OSI	L	0.67	6.77	164.27	D	0.267	0.0	451.26	5.16	6	2908.	89.73
ST SUB-TOTAL NCC	H	0.17	20.95	0.53	B	0.055	0.10	0.02	0.12					
MERL-NCC	L	0.35	3.42	14.02	D	0.227	3.96	4.34	13.23	0	1263.	41.16
ADA ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL OSI	H	0.05	2.34	99.71	B	0.085	0.0	71.62	1.00					
ADA-OSI	L	0.01	0.13	2.98	D	0.0	0.0	12.45	0.14	0	3.	20.54
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ADA-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(DALWU)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL OSI	H	0.55	18.71	151.06	B	1.038	0.0	300.88	6.34					
ATHEN-OSI	L	0.53	11.13	211.94	D	0.193	0.0	373.64	4.56	0	10750.	191.34
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ATHEN-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR LAND AND WATER USE (DALWU)- TOTALS														
IT TOTAL-OSI OSI	H	1.81	36.74	250.77	B	1.459	0.0	589.06	10.51					
DALWU	L	1.31	19.59	413.78	D	0.469	0.0	871.21	10.24	6	13858.	310.23

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	ST	TYP	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPO EC SS IN G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC NCC DALLAS	H		108.47	552.47	373.76	B	60.066	110.64	59.94	102.00					
	L		94.87	51.34	1639.36	D	30.852	141.74	69.70	553.86	112	89202.	1292.62		
(DKD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-															
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)															
ST SUB-TOTAL OST EMSL-RTP	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
ST SUB-TOTAL NCC EMSL-RTP	H		113.94	783.79	236.71	B	29.485	100.87	68.01	131.93					
	L		65.50	45.82	979.94	D	17.835	95.59	29.57	344.06	333	23098.	826.26		
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-															
ST SUB-TOTAL OST EMSL-CIN	H		0.27	5.89	0.0	B	0.074	0.0	46.61	0.58					
	L		0.36	7.38	135.62	D	0.033	0.0	188.57	2.10	0	1276.	34.21		
ST SUB-TOTAL NCC EMSL-CIN	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
(OEMI)-DEP. OF ENERGY MIN. AND INDST RC (ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI															
(DKD) DEP. OF ENERGY MINERALS AND INDST (TOTALS															
TT TOTAL-OST OST DEPT	H		4.03	478.29	13.57	B	0.635	0.0	3165.00	51.46					
	L		6.12	51.24	1558.70	D	0.694	0.0	2926.23	31.42	70	14885.	738.53		
TT TOTAL-NCC NCC DEPT	H		113.94	783.79	236.71	B	29.485	100.87	68.01	131.93					
	L		65.50	45.82	979.94	D	17.835	95.59	29.57	344.06	333	23098.	826.26		
(DKD) DEP. OF HEALTH AND ECOL EFFECTS (OH HERL-RTP															

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1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S T R U P E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP YR PD EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.38		1.14	0.0	B	0.003	0.0	2.78	0.03			
HERL-RTP	L		0.04		0.54	12.01	D	0.0	0.0	19.12	0.21	0	0.	2.78
ST SUB-TOTAL NCC	H		190.29		1102.30	687.90	B	55.288	193.53	127.33	221.82			
HERL-RTP	L		101.59		96.35	2548.20	D	44.974	159.11	51.53	578.64	2297	190092.	1627.34
(OHEE) - HEALTH EFFECTS RSCH LAB-CIN														
ST SUB-TOTAL OSI	H		0.77		46.35	0.0	B	0.435	0.0	200.30	3.38			
HERL-CIN	L		0.15		2.24	49.70	D	0.033	0.0	160.77	1.79	0	1353.	49.31
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
HERL-CIN	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	2.	0.20
(OHEE) - CORVALLIS														
ST SUB-TOTAL OSI	H		0.0		1.88	79.60	B	0.213	0.0	87.59	1.53			
CORV-OSI	L		0.09		1.27	28.17	D	0.012	0.0	101.14	1.14	1	732.	29.32
ST SUB-TOTAL NCC	H		0.00		0.04	0.01	B	0.0	0.0	0.02	0.0			
CORV-OSI	L		0.00		0.00	0.14	D	0.0	0.01	0.01	0.03	0	254.	0.20
(OHEE) - GROSSE ILE														
ST SUB-TOTAL OSI	H		26.57		1279.32	1578.70	B	24.917	0.0	8806.20	179.89			
GI-OSI	L		10.25		51.56	1423.66	D	4.514	0.0	14689.38	153.04	0	70980.	3477.34
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
GI-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(OHEE) - NARRAGANSETT														
ST SUB-TOTAL OSI	H		0.44		26.21	58.48	B	0.454	0.0	117.04	2.64			
NARRA-OSI	L		0.03		0.51	11.21	D	0.0	0.0	25.85	0.27	0	2378.	38.37

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S I M U L A T I O N	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: TYPE OF SYSTEM	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC NARRA-DSI	H L	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0				
(OMET) - GULF BREEZE												0	12.	0.13
ST SUB-TOTAL DSI GB-DSI	H L	0.60 0.37	36.33 5.51	0.0 122.40	B D	0.081 0.033	0.0 0.0	27.37 312.66	0.57 3.47					
ST SUB-TOTAL NCC GB-NCC	H L	0.01 0.0	0.13 0.0	0.03 0.0	B D	0.0 0.0	0.03 0.0	0.03 0.0	0.03 0.0					
(ORD) - DEF. OF HEALTH AND ECOL EFFECTS (TOTALS												0	2446.	3.58
TT TOTAL-DSI OMET	DSI H L	28.75 10.92	1390.94 61.72	1726.78 1647.35	B D	26.055 4.395	0.0 0.0	3241.27 15308.91	188.04 169.92					
TT TOTAL-NCC OMET	NCC H L	190.31 101.59	1182.48 96.35	687.94 2548.34	B D	55.289 44.974	193.56 159.12	127.38 51.54	221.85 578.67			1	77947.	3655.59
												2297	194137.	1633.43
DEF. OF PRMET AND TECHNICAL SUPPORT (OMTS ENVIRONMENTAL MONIT SPT LAB-RTP														
ST SUB-TOTAL DSI EMSL-RTP	H L	0.0 0.0	0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0					
ST SUB-TOTAL NCC EMSL-RTP	H L	78.18 16.26	545.72 58.40	339.37 531.24	B D	22.394 7.755	89.20 47.55	52.43 50.55	110.74 137.10			0	0.	0.0
(OMTS) - ENVIRONMENTAL MONIT SPT LAB-CIN												387	47401.	529.75
ST SUB-TOTAL DSI EMSL-CIN	H L	4.14 0.44	97.25 6.24	7.57 148.49	B D	0.406 0.164	0.0 0.0	360.41 318.86	4.69 3.72					
ST SUB-TOTAL NCC EMSL-CIN	H L	0.43 3.82	19.36 6.31	2.11 34.31	B D	0.0 0.853	0.23 3.58	0.07 1.83	0.37 13.46			19	10504.	142.34
												4	2298.	30.34

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	ST	TY	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING PRIORITY	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
(OMES) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB															
ST SUB-TOTAL OSI	OSI	H		12.32		546.79	231.11	B	5.622	0.0	987.63	36.61			
LV-OSI		L		1.22		28.05	515.23	D	0.454	0.0	1338.30	15.81	0	8886.	508.55
ST SUB-TOTAL NCC	NCC	H		0.32		9.16	13.57	B	3.013	4.84	0.0	4.88			
LV-NCC		L		0.00		0.01	0.25	D	0.0	0.0	0.0	0.0	2637	53.	7.33
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO TOTALS															
TT TOTAL-OSI	OSI	H		17.79		711.94	208.68	B	6.258	0.0	1611.29	44.57			
OMES		L		1.83		36.96	722.90	D	0.654	0.0	1803.64	21.14	19	20825.	702.19
TT TOTAL-NCC	NCC	H		78.93		614.48	325.71	B	25.662	94.80	52.50	116.46			
OMES		L		23.62		54.48	619.01	D	8.705	46.36	52.38	151.60	3028	49768.	569.76
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ															
OFF. OF RSCH AND DEVEL (ORD) - TOTALS															
TT TOTAL-OSI	OSI	H		54.75		2696.33	2199.80	B	41.079	0.0	15545.34	305.73			
ORD		L		21.62		177.81	4775.85	D	6.705	0.0	22021.89	245.11	96	145653.	5724.33
TT TOTAL-NCC	NCC	H		491.65		3148.27	1524.12	B	170.531	499.87	307.83	572.24			
ORD		L		285.62		258.65	5917.13	D	102.532	443.89	207.34	1632.63	5770	356205.	4329.34
REGION 1 - BOSTON-															
REGION 1 - BOSTON- TOTALS															
TT TOTAL-OSI	OSI	H		3.27		410.09	276.04	B	6.035	0.0	1137.75	18.83			
REGION 1		L		0.50		10.12	172.86	D	0.997	0.0	668.46	7.58	41	12083.	311.75

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S E R V I C E	T E R M I N A L	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: TYPE OF SYSTEM	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC	H		6.39		123.78	59.15	B	10.260	11.70	3.62	13.50			
REGION 1		L		0.98		3.11	71.79	D	0.993	3.11	0.56	10.47	38	4773.	14.84
REGION 2 - NEW YORK-															
REGION 2 - NEW YORK- TOTALS															
TT TOTAL-DSI	DSI	H		6.52		421.71	352.12	B	4.625	0.0	2082.79	36.54			
REGION 2		L		8.32		96.22	2251.98	D	0.394	0.0	1254.98	13.99	96	9488.	556.93
TT TOTAL-NCC	NCC	H		0.98		57.98	45.72	B	6.091	15.31	10.35	16.81			
REGION 2		L		0.33		0.69	36.55	D	0.428	1.22	0.06	4.09	24	640.	44.99
REGION 3 - PHILADELPHIA-															
REGION 3 - PHILADELPHIA- TOTALS															
TT TOTAL-DSI	DSI	H		8.22		3348.35	751.59	B	7.434	0.0	3333.26	58.81			
REGION-3				2.46		36.88	320.54	D	0.665	0.0	2608.65	29.01	0	8310.	801.16
TT TOTAL-NCC	NCC	H		11.15		186.60	57.70	B	7.152	16.61	6.87	20.01			
REGION-3				0.14		0.65	21.60	D	0.353	1.18	0.0	5.35	0	493.	44.51
REGION 4 - ATLANTA-															
REGION 4 - ATLANTA- TOTALS															
TT TOTAL-DSI	DSI	H		51.69		3043.38	1631.10	B	13.004	0.0	5715.20	98.98			
REGION-4				3.56		52.07	1279.05	D	1.475	0.0	3763.02	42.92	0	47339.	1160.34
TT TOTAL-NCC	NCC	H		48.32		124.92	92.06	B	7.955	25.69	15.70	30.09			
REGION-4		L		43.46		1.09	55.05	D	11.714	6.30	2.80	27.96	0	4726.	116.11

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	SERVICE CLASS	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING PRIORITY	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-														
REGION 5 - CHICAGO- TOTALS														
TT TOTAL-OSI	OSI H	5.57	488.96	919.80	B	5.065	0.0	2672.40	43.23					
REGION-5	L	5.50	39.63	1057.84	D	0.798	0.0	3207.91	35.73	0	22314.	894.97		
TT TOTAL-NCC	NCC H	109.41	719.50	210.13	B	24.208	60.63	35.43	63.92					
REGION-5	L	18.84	7.52	325.03	D	2.501	15.77	6.81	51.05	0	36242.	223.42		
REGION 6 - DALLAS														
REGION 6 - DALLAS TOTALS														
TT TOTAL-OSI	OSI H	13.43	550.63	633.74	B	4.421	0.0	2472.29	35.79					
REGION-6	L	2.55	29.44	742.00	D	0.384	0.0	1853.31	20.69	4	8850.	582.51		
TT TOTAL-NCC	NCC H	6.24	221.29	28.30	B	3.433	8.42	4.02	9.31					
REGION-6	L	0.01	0.02	1.39	D	0.0	0.06	0.03	0.14	0	329.	23.36		
REGION 7 - KANSAS CITY-														
REGION 7 - KANSAS CITY- TOTALS														
TT TOTAL-OSI	OSI H	6.73	104.13	439.39	B	1.593	0.0	1262.49	16.82					
REGION-7	L	2.10	11.12	230.99	D	0.133	0.0	854.52	9.51	0	2502.	268.30		
TT TOTAL-NCC	NCC H	1.64	36.92	20.01	B	2.362	5.89	3.31	5.83					
REGION-7	L	0.19	0.40	25.09	D	0.107	1.95	0.44	5.71	0	816.	20.39		
REGION 8 - DENVER-														

1981 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S E R V I C E	T E R M I N A L	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP PROCESSING: PD EC S S I V G	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SQU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER- TOTALS															
TT TOTAL-OSI	OSI	H	4.88	307.24	317.92		8	4.515	0.0	1338.64	29.58				
REGION-8		L	0.72	9.79	225.21		D	0.091	0.0	663.16	7.77	38	4727.	365.57	
TT TOTAL-NCC	NCC	H	8.46	80.25	42.35		8	4.832	13.21	4.08	18.20				
REGION-8		L	4.00	1.56	34.34		D	0.437	1.87	5.05	7.00	0	702.	43.40	
REGION 9 - SAN FRANCISCO-															
REGION 9 - SAN FRANCISCO- TOTALS															
TT TOTAL-OSI	OSI	H	1.93	381.36	164.85		8	5.195	0.0	2149.86	46.21				
REGION-9		L	2.38	249.72	470.86		D	0.265	0.0	1221.45	13.51	0	7331.	456.49	
TT TOTAL-NCC	NCC	H	6.60	169.73	59.63		8	9.028	18.31	236.90	20.32				
REGION-9		L	1.61	11.14	74.07		D	0.355	3.47	17.27	13.71	0	3677.	64.40	
REGION 10 - SEATTLE-															
REGION 10 - SEATTLE- TOTALS															
TT TOTAL-OSI	OSI	H	12.59	552.10	443.75		8	2.952	0.0	1467.55	23.07				
REGION 10		L	0.48	15.85	260.12		D	0.145	0.0	836.21	8.93	0	9050.	366.50	
TT TOTAL-NCC	NCC	H	4.25	11.06	9.89		8	1.530	3.45	1.16	4.13				
REGION 10		L	0.01	0.01	1.16		D	0.051	0.12	0.19	0.43	0	31.	8.32	
STAFF OFFICES															
STAFF OFFICES- TOTALS															

1981 WORKLOAD DATA FOR SCENARIO 2

VN	ACTIVITY NAME	SL RV CP EL IY EP RE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IP YR PD EC ES SI NG	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
11	TOTAL-OSI	OSI M		0.31		3.47	0.0	8	0.195	0.0	145.10	2.23			
	STAFF OFF	L		7.92		1.96	40.22	0	0.123	0.0	362.88	4.01	14	3201.	75.11
11	TOTAL-NCC	NCC M		0.0		0.0	0.0	8	0.0	0.0	0.0	0.0			
	STAFF OFF	L		0.0		0.0	0.0	0	0.0	0.0	0.0	0.0	0	0.	0.3

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S I R V I C E	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PD/EC S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)-														
OFF. OF ADMINISTRATION (OA)														
ST SUB-TOTAL OSI	H	14.51	1794.69	1220.96	B	5.172	0.0	6295.79	75.88					
OSI-OA	L	7.76	83.44	1620.80	D	1.086	0.0	5935.67	49.25	94	59614.	2124.34		
ST SUB-TOTAL NCC	H	59.66	138.04	55.66	B	8.079	24.64	21.15	27.89					
NCC-OA	L	9.87	12.33	324.98	D	3.635	19.22	14.84	67.17	7	17480.	183.79		
(OPM)-														
OFF. OF PLANNING AND EVAL. (OPE)														
ST SUB-TOTAL OSI	H	0.76	88.20	1.72	B	1.265	0.0	753.56	12.11					
OSI-OPE	L	1.02	14.14	314.54	D	0.0	0.0	437.30	4.88	0	7661.	183.38		
ST SUB-TOTAL NCC	H	3.06	515.60	71.15	B	5.145	30.87	11.47	34.55					
NCC-OPE	L	0.21	0.64	21.69	D	0.147	1.02	0.29	4.19	0	1169.	55.12		
(OPM)-														
OFF. OF RESOURCE MGT. (ORM)														
ST SUB-TOTAL OSI	H	163.62	1819.02	553.38	B	20.631	0.0	10336.52	182.10					
OSI-ORM	L	3.64	30.22	1696.62	D	0.884	0.0	3073.49	44.50	1505	76463.	1965.53		
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
NCC-ORM	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
(OPM)-														
TOTALS														
TT TOTAL-OSI OSI	H	178.92	3736.61	1776.06	B	27.068	0.0	17385.86	270.09					
OPM	L	12.44	128.03	3637.44	D	1.970	0.0	9468.78	98.86	1599	143740.	4275.77		
TT TOTAL-NCC NCC	H	62.12	653.65	126.81	B	13.223	55.51	32.62	62.44					
OPM	L	10.08	12.97	346.66	D	3.783	20.24	15.13	71.36	7	18649.	238.91		
OFF. OF ENFORCEMENT (OE)-														
OFF. OF CRIMINAL ENFORCEMENT (OCE)														

1969 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	SVC LEVEL	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS. IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS. IN MILLIONS	CONNECT HOURS	TYPE PROC	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		68.68		1079.19	2229.15	S	24.253	0.0	14605.38	208.81			
OSI-OGE	L		36.86		104.65	2359.27	D	1.635	0.0	5539.95	61.33	343	94688.	2865.94
ST SUB-TOTAL NCC	H		0.31		71.75	7.36	B	5.225	20.54	13.91	8.29			
NCC-OGE	L		0.22		0.67	42.59	D	0.073	0.36	1.30	1.93	0	2451.	44.35
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)														
ST SUB-TOTAL OSI	H		13.83		846.42	0.0	B	7.053	0.0	3923.82	54.87			
OSI-OWE	L		1.50		1.67	230.59	D	0.049	0.0	518.48	5.76	0	45626.	695.36
ST SUB-TOTAL NCC	H		0.0		0.21	0.0	B	0.0	0.0	0.0	0.0			
NCC-OWE	L		0.00		0.01	0.80	D	0.0	0.0	0.0	0.04	0	0.	0.0
(OE)-- OFF. OF NOISE SOURCE AND NOISE ENF. (ONSNE														
ST SUB-TOTAL OSI	H		5.36		13.95	0.0	B	2.111	0.0	1333.65	26.71			
OSI-ONSNE	L		5.63		18.48	1036.33	D	0.453	0.0	1938.33	21.96	169	24589.	481.23
ST SUB-TOTAL NCC	H		2.59		4.75	14.08	B	0.818	3.68	1.57	4.09			
NCC-ONSNE	L		0.33		0.66	89.32	D	0.374	0.97	0.26	3.13	37	9094.	88.28
OFF. OF ENFORCEMENT-TOTALS														
TT TOTAL-OSI OSI	H		87.95		1941.26	2229.15	B	33.454	0.0	19899.15	290.78			
OE	L		44.00		124.83	3596.67	D	2.135	0.0	7997.62	89.09	512	164959.	4045.69
TT TOTAL-NCC NCC	H		2.90		76.72	21.44	B	6.043	24.22	15.48	12.38			
OE	L		0.55		1.34	92.71	D	0.447	1.33	1.56	5.10	37	11544.	132.33
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)														
ST SUB-TOTAL OSI	H		1.68		1.61	0.0	B	24.873	0.0	13050.80	165.33			
OSW-OSI	L		3.44		33.35	952.30	D	4.213	0.0	4670.00	51.71	0	53326.	1961.30

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCPS (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC H		0.30		37.96	3.88	B 0.373	0.93	0.0	1.11			
OSA-NCC L		0.57		0.68	27.57	D 0.185	1.11	0.0	4.99	0	648.	11.10
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)												
ST SUB-TOTAL OSI H		73.93		350.36	1198.77	B 33.171	0.0	15244.78	246.28			
OWPS-OSI L		10.61		148.95	2936.83	D 5.877	0.0	5778.00	66.27	3304	251427.	3442.68
ST SUB-TOTAL NCC H		0.0		0.0	0.0	B 0.0	0.0	0.0	0.0			
OWPS-NCC L		0.0		0.0	0.0	D 0.0	0.0	0.0	0.0	0	43.	0.11
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)												
ST SUB-TOTAL OSI H		116.22		596.71	0.0	B 9.895	0.0	13423.18	117.80			
OWPO-OSI L		7.92		56.26	2287.19	D 1.977	0.0	6371.32	71.08	799	70919.	2023.31
ST SUB-TOTAL NCC H		0.0		25.63	0.0	B 0.0	0.0	0.0	0.0			
OWPO-NCC L		0.77		8.54	65.28	D 1.993	5.67	5.91	21.40	0	2261.	34.36
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)												
ST SUB-TOTAL OSI H		22.43		551.65	175.75	B 10.953	0.0	3303.61	45.16			
OWS-OSI L		2.13		45.93	354.49	D 3.423	0.0	1705.15	18.63	1079	55727.	1071.57
ST SUB-TOTAL NCC H		3038.01		356.80	320.07	B 23.635	103.79	10.86	124.36			
OWS-NCC L		25.97		20.15	586.18	D 13.832	47.34	9.24	169.34	66	62872.	547.74
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS												
TT TOTAL-OSI OSI H		214.27		1530.33	1374.52	B 79.912	0.0	33022.37	575.07			
OWHM L		24.41		294.50	7050.80	D 15.495	0.0	18524.47	207.69	5182	431398.	8499.85
TT TOTAL-NCC NCC H		3038.31		422.39	323.95	B 23.975	104.72	10.86	125.47			
OWHM L		27.31		29.37	559.03	D 16.010	54.12	15.15	196.38	66	65823.	593.81

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S E R V I C E	T E R M I N A L	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF AIR QUAL PLANNING AND STNDRDS (OA														
ST SUB-TOTAL OSI	H		11.29	11.26	0.0	B	0.299	0.0	436.14	5.31				
OAQPS-OSI	L		0.16	2.22	27.19	D	0.062	0.0	213.68	2.37	0	994.	96.91	
ST SUB-TOTAL NCC	H		1689.11	3924.19	2421.63	B	361.170	1008.42	666.08	1114.64				
OAQPS-NCC	L		99.08	187.27	4555.06	D	82.603	326.77	138.92	1297.84	3191	285117.	4667.18	
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O														
ST SUB-TOTAL OSI	H		0.26	4.27	0.0	B	0.075	0.0	70.30	0.88				
OMSAP-OSI	L		0.13	2.03	44.97	D	0.0	0.0	73.95	0.84	0	119.	22.39	
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
OMSAP-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM)-														
OFF. OF NOISE ABATEMENT AND CONTROL (ONAC														
ST SUB-TOTAL OSI	H		2.07	93.01	0.0	B	5.496	0.0	705.72	32.52				
ONAC-OSI	L		0.24	32.15	396.97	D	0.293	0.0	920.89	10.28	0	9487.	368.57	
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ONAC-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM)														
OFF. OF RADIATION PROGRAMS (ORP)-														
ST SUB-TOTAL OSI	H		0.88	104.17	19.26	B	0.719	0.0	301.07	6.20				
ORP-OSI	L		0.55	55.12	703.95	D	0.161	0.0	1096.47	12.13	97	7165.	215.57	
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ORP-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF AIR AND WASTE MGT. (OAWM)-														
TOTALS														

ACTIVITY NAME		MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (RELELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-OSI	OSI H		15.91		226.27	19.26	7.768	0.0	1809.16	52.46			
OAP	L		1.74		93.83	1210.90	0.515	0.0	2484.04	27.60	97	17891.	769.44
IT TOTAL-NCC	NCC H		1689.12		3924.58	2424.33	361.173	1008.48	666.08	1114.69			
OAP	L		99.09		187.30	4556.80	82.603	326.83	138.92	1298.08	3191	285147.	4667.77
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PRGM. INTEGRATION/INFO													
ST SUB-TOTAL	OSI H		41.53		184.46	345.00	39.995	0.0	11812.62	160.16			
-OSI	L		0.67		24.45	372.99	2.377	0.0	3305.61	58.89	382	39792.	3429.75
ST SUB-TOTAL	NCC H		6.37		297.08	239.83	50.622	116.35	84.80	132.70			
-NCC	L		3.05		8.10	198.04	2.433	11.89	6.84	48.43	556	31181.	435.30
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PESTICIDE PROGRAMS (OPP)													
ST SUB-TOTAL	OSI H		238.75		3982.94	865.55	55.941	0.0	19166.75	277.74			
OPP-OSI	L		8.61		194.69	3248.00	5.032	0.0	10918.60	121.27	3331	141424.	3907.46
ST SUB-TOTAL	NCC H		0.0		0.0	0.0	0.0	0.0	0.0	0.0			
OPP-NCC	L		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF TOXIC SUBSTNCS (OTS)- TOTALS													
TT TOTAL-OSI	OSI H		280.28		4167.41	1810.55	95.937	0.0	33979.36	437.90			
OTS	L		9.28		219.18	3570.99	7.459	0.0	14224.21	180.16	3713	181215.	7337.21
IT TOTAL-NCC	NCC H		6.37		297.08	239.83	50.622	116.35	84.80	132.70			
OTS	L		3.05		8.10	198.04	2.433	11.89	6.84	48.43	556	31181.	435.30
OFF. OF RSCH AND DEVEL (ORD)- OFF. OF ATT LAND AND WATER USE (OALWU)-													
(OALWU) - ENV. SCIENCES RSCH LAB-RTP													

PAGE NO. 06 — 1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	SYS ENT TYP	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPYR PDEC SCI NG	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL ESI ESRL-OSI	H L		0.0 0.0		0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0	0.	0.0
ST SUB-TOTAL ECC ESRL-NCC	H L		241.07 209.61		1169.30 126.98	918.96 3516.45	B D	98.575 67.203	238.96 302.02	130.29 144.07	223.65 1185.13	232	191281.	2728.70
(DALWU)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)														
ST SUB-TOTAL OSI MERL-OSI	H L		2.31 1.25		26.63 12.22	0.0 239.49	B D	0.593 0.517	0.0 0.0	384.53 825.02	5.71 9.42	12	5319.	165.78
ST SUB-TOTAL ECC MERL-NCC	H L		0.31 0.63		37.96 6.19	0.96 51.63	B D	0.091 0.412	0.18 7.18	0.04 7.87	0.22 23.97	0	2288.	74.57
ADA ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL OSI ADA-OSI	H L		0.11 0.02		4.59 0.26	135.65 5.84	B D	0.163 0.0	0.0 0.0	140.52 24.41	1.96 0.27	0	6.	40.30
ST SUB-TOTAL NCC ADA-OSI	H L		0.0 0.0		0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0	0.	0.0
(DALWU)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL OSI ATHEN-OSI	H L		1.12 1.04		38.28 22.69	339.14 426.44	B D	2.133 3.431	0.0 0.0	600.40 761.82	13.43 9.37	0	22710.	386.50
ST SUB-TOTAL NCC ATHEN-NCC	H L		0.0 0.0		0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0	0.	0.0
OFF. OF AIR LAND AND WATER USE (DALWU)- TOTALS														
TT TOTAL-OSI DALWU	OSI H L		3.60 2.51		71.90 38.23	534.79 739.64	B D	2.941 3.913	0.0 0.0	1157.80 1677.59	21.52 19.81	12	28421.	609.52

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	SIR VIP TIE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/PD/EC/SS/TI/NG	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC NOC	H		241.30		1207.26	819.92	B	98.665	239.14	130.33	223.87			
OALWU	L		210.24		133.18	3578.08	D	67.615	309.20	151.94	1209.10	232	193568.	2803.27
(ORD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-														
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)														
ST SUB-TOTAL OSI	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-RTP	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NOC	H		190.99		1354.88	934.41	B	51.731	170.51	117.22	224.20			
EMSL-RTP	L		112.16		77.00	1641.95	D	30.522	162.85	49.00	579.88	612	42446.	1395.36
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-														
ST SUB-TOTAL CSI	H		0.49		10.58	0.0	B	0.125	0.0	84.57	1.08			
EMSL-CIN	L		0.67		12.75	339.02	D	0.057	0.0	338.07	3.77	0	2339.	61.51
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-CIN	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(OEMI)-OFF. OF ENERGY MIN. AND INDST HQ (ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI														
(ORD) OFF. OF ENERGY MINERALS AND INDST (TOTALS														
TT TOTAL-OSI CSI	H		7.59		931.59	25.45	B	12.235	0.0	5885.01	95.68			
OEMI	L		11.51		94.90	3138.19	D	1.299	0.0	5439.62	58.40	138	28557.	1384.97
TT TOTAL-NCC NCC	H		190.99		1354.88	934.41	B	51.731	170.51	117.22	224.20			
OEMI	L		112.16		77.00	1641.95	D	30.522	162.85	49.00	579.88	612	42446.	1395.36
(ORD) OFF. OF HEALTH AND ECOL EFFECTS (OH HERL-RTP														

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	ST	IT	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING PD EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OST	H		0.69	2.10	0.0	B	0.006	0.0	5.12	0.06					
HERL-RI*	L		0.07	1.00	22.15	D	0.0	0.0	35.24	0.39	0	0.	5.12		
ST SUB-TOTAL NCC	H		369.10	2170.05	1289.93	B	102.425	366.69	231.67	420.67					
HERL-RI*	L		170.68	173.96	4755.43	D	77.934	287.86	91.11	1046.24	4331	342777.	2997.78		
(DHEE) - HEALTH EFFECTS RSCH LAB-CIN															
ST SUB-TOTAL OST	H		1.37	82.32	0.0	B	0.715	0.0	355.69	6.00					
HERL-CIN	L		0.27	3.98	98.31	D	0.049	0.0	285.51	3.17	0	2402.	87.34		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
HERL-CIN	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	4.	0.39		
(DHEE) - CORVALLIS															
ST SUB-TOTAL OST	H		0.0	5.13	189.17	B	0.536	0.0	221.92	3.97					
CORV-OSI	L		0.24	3.48	77.36	D	0.029	0.0	261.45	2.93	4	2211.	83.11		
ST SUB-TOTAL NCC	H		0.01	0.11	0.03	B	0.0	0.0	0.06	0.0					
CORV-OSI	L		0.00	0.01	0.43	D	0.0	0.03	0.03	0.39	0	694.	0.35		
(DHEE) - GROSSE ILE															
ST SUB-TOTAL OST	H		31.24	1483.17	1774.05	B	29.862	0.0	10611.82	216.30					
GI-OSI	L		12.39	58.58	1660.96	D	5.213	0.0	17766.26	197.18	0	86381.	4186.85		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
GI-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
(DHEE) - NARRAGANSETT															
ST SUB-TOTAL OST	H		0.83	50.07	122.18	B	0.873	0.0	223.53	5.03					
NARRA-OSI	L		0.06	0.97	21.44	D	0.0	0.0	49.33	0.53	0	4543.	73.25		

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR/PD/EC/S/S/I/V/G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
NARRA-DSI L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	40.	0.33
(ONCE) - GULF BREEZE													
ST SUB-TOTAL DSI H		1.15		69.39	0.0	B	0.150	0.0	52.24	1.08			
GB-DSI L		0.70		10.52	233.76	D	0.053	0.0	597.24	6.64	0	4782.	111.28
ST SUB-TOTAL NCC H		0.03		0.26	0.05	B	0.0	0.05	0.05	0.05			
GB-NCC L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	4666.	6.84
(ORD) - OFF. OF HEALTH AND ECOL EFFECTS (TOTALS													
TT TOTAL-DSI DSI H		35.29		1692.19	2335.40	B	32.143	0.0	11470.31	232.44			
ONE L		13.73		78.53	2133.98	D	5.344	0.0	18995.02	210.84	4	100320.	4546.45
TT TOTAL-NCC NCC H		369.14		2170.42	1290.01	B	102.425	366.74	231.78	420.72			
ONE L		170.69		173.97	4755.82	D	77.994	287.89	91.14	1046.33	4331	350723.	3008.80
OFF. OF MONIT AND TECHNICAL SUPPORT (OMTS ENVIRONMENTAL MONIT SPT LAB-RTP													
ST SUB-TOTAL DSI H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-RTP L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC H		149.13		1116.99	590.86	B	42.638	170.22	100.21	211.36			
EMSL-RTP L		30.94		87.97	1136.72	D	14.715	81.08	95.78	290.94	702	89551.	1009.32
(OMTS) - ENVIRONMENTAL MONIT SPT LAB-CIN													
ST SUB-TOTAL DSI H		7.76		162.83	15.72	B	0.790	0.0	683.46	8.95			
EMSL-CIN L		0.82		11.63	279.07	D	0.309	0.0	598.65	6.97	40	19849.	268.32
ST SUB-TOTAL NCC H		0.66		39.05	4.26	B	0.0	0.46	0.14	0.74			
EMSL-CIN L		7.71		12.11	69.18	D	1.714	7.23	3.70	27.15	9	4634.	61.17

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	TYPE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP PD EC S CAU HOURS (UNIVAC)	CPU HOURS (IBM) --OR-- SUP HOURS - UNIVAC ONLY	SUP	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
(OMIS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB														
ST SUB-TOTAL OSI	H		25.07		1092.55	638.69	B	11.545	0.0	1967.14	74.35			
LV-OSI	L		2.44		57.11	1362.50	D	0.943	0.0	2713.40	32.08	0	18135.	1023.55
ST SUB-TOTAL NCC	H		0.62		18.71	27.32	B	6.230	10.01	0.0	10.08			
LV-NCC	L		0.01		0.02	0.48	D	0.0	0.0	0.0	0.0	5512	99.	15.39
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO TOTALS														
TT TOTAL-OSI OSI	H		35.37		1406.64	624.41	B	12.775	0.0	3161.76	89.66			
OMIS	L		3.60		73.92	1436.50	D	1.319	0.0	3596.70	42.17	40	40770.	1391.26
TT TOTAL-NCC NCC	H		150.62		1175.71	623.73	B	49.399	181.73	100.35	223.09			
OMIS	L		45.52		100.22	1132.62	D	16.625	88.76	99.48	320.10	6223	94316.	1090.63
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ														
OFF. OF RSCH AND DEVEL (ORD) - TOTALS														
TT TOTAL-OSI OSI	H		86.86		4236.48	2990.05	B	61.493	0.0	23647.12	462.72			
ORD	L		34.43		302.86	6151.14	D	9.941	0.0	32034.08	357.09	194	235726.	8595.21
TT TOTAL-NCC NCC	H		952.13		5935.27	3138.07	B	302.211	958.12	579.68	1091.88			
ORD	L		539.05		485.58	11214.18	D	193.063	850.67	399.15	3163.53	11398	681054.	8311.41
REGION I - BOSTON-														
REGION I - BOSTON- TOTALS														
TT TOTAL-OSI OSI	H		6.27		605.37	553.43	B	15.913	0.0	2258.67	37.48			
REGION I	L		1.00		19.89	320.40	D	0.173	0.0	1331.83	15.91	85	23831.	611.73

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	TYPE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC NCC	H		13.54		157.60	77.45	B	11.291	15.77	4.78	18.15			
REGION 1	L		2.28		4.10	138.03	D	1.353	4.32	0.82	14.56	82	9550.	31.44
REGION 2 - NEW YORK-														
REGION 2 - NEW YORK- TOTALS														
TT TOTAL-OSI OSI	H		12.83		844.50	639.67	B	8.595	0.0	4035.12	69.49			
REGION 2	L		15.28		168.35	3978.47	D	0.717	0.0	2328.47	25.97	170	17914.	1050.99
TT TOTAL-NCC NCC	H		1.81		125.23	84.26	B	11.221	28.20	19.06	30.96			
REGION 2	L		0.61		1.26	57.33	D	0.759	2.25	0.12	7.55	44	1178.	82.39
REGION 3 - PHILADELPHIA-														
REGION 3 - PHILADELPHIA- TOTALS														
TT TOTAL-OSI OSI	H		14.75		6009.34	1348.89	B	13.343	0.0	5988.64	105.59			
REGION-3			4.42		56.13	1671.54	D	1.157	0.0	4677.67	52.03	0	14478.	1438.21
TT TOTAL-NCC NCC	H		19.98		334.42	133.41	B	12.835	29.77	12.31	35.87			
REGION-3			0.25		1.16	38.71	D	0.632	2.11	0.0	9.58	0	884.	79.35
REGION 4 - ATLANTA-														
REGION 4 - ATLANTA- TOTALS														
TT TOTAL-OSI OSI	H		83.72		5207.19	2592.23	B	21.048	0.0	9269.89	160.48			
REGION-4			5.76		84.05	2030.62	D	2.412	0.0	5870.00	67.24	0	76892.	2091.55
TT TOTAL-NCC NCC	H		95.45		243.86	130.95	B	15.335	50.18	31.11	58.87			
REGION-4	L		86.21		3.72	137.30	D	21.273	12.30	5.04	53.98	0	9376.	225.35

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	TE RY PE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP PROCESSING PD EC S S I N G	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-														
REGION 5 - CHICAGO- TOTALS														
TT TOTAL-OSI OSI	H		9.48	804.62	1519.53	B	8.639	0.0	4589.43	73.49				
REGION-5	L		9.52	55.76	1781.59	D	1.329	0.0	5428.50	60.47	0	37204.	1514.92	
TT TOTAL-NCC NCC	H		189.46	1219.23	354.88	B	41.077	103.08	60.22	108.44				
REGION-5	L		32.61	12.82	552.85	D	4.273	26.92	11.64	87.19	0	62539.	380.17	
REGION 6 - DALLAS														
REGION 6 - DALLAS TOTALS														
TT TOTAL-OSI OSI	H		25.24	1030.60	1175.47	B	8.793	0.0	4726.29	70.78				
REGION-6	L		4.68	53.94	1375.05	D	0.745	0.0	3527.53	39.40	9	16947.	1107.42	
TT TOTAL-NCC NCC	H		11.17	396.10	50.66	B	6.143	15.08	7.19	16.67				
REGION-6	L		0.01	0.33	2.49	D	0.0	0.10	0.06	0.26	0	582.	41.31	
REGION 7 - KANSAS CITY-														
REGION 7 - KANSAS CITY- TOTALS														
TT TOTAL-OSI OSI	H		10.73	170.61	722.76	B	2.673	0.0	2170.70	28.63				
REGION-7	L		3.55	17.97	458.62	D	0.215	0.0	1402.04	15.59	0	4286.	442.23	
TT TOTAL-NCC NCC	H		2.89	60.92	34.14	B	3.912	9.93	5.63	9.81				
REGION-7	L		0.32	0.65	40.79	D	0.172	3.16	0.72	9.24	0	1392.	33.77	
REGION 8 - DENVER-														

1968 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S U P P O R T	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PROC ECONOMY	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER- TOTALS														
TT TOTAL-OSE OSE REGION-8	H	9.44	603.71	514.13	B	8.641	0.0	2743.64	57.19					
	L	1.42	18.99	438.42	D	0.163	0.0	1318.48	15.10	82	9318.	718.24		
TT TOTAL-NCC NCC REGION-8	H	16.82	158.53	84.84	B	9.859	26.85	8.20	37.11					
	L	8.26	3.19	68.31	D	0.931	3.83	10.31	14.35	0	1408.	88.77		
REGION 9 - SAN FRANCISCO-														
REGION 9 - SAN FRANCISCO- TOTALS														
TT TOTAL-OSE OSE REGION-9	H	3.76	695.93	337.15	B	9.691	0.0	4041.59	77.72					
	L	4.11	371.22	978.70	D	0.475	0.0	2240.78	24.81	0	14321.	862.27		
TT TOTAL-NCC NCC REGION-9	H	9.41	274.94	138.91	B	14.393	31.05	308.21	33.32					
	L	2.43	12.21	115.86	D	0.613	5.20	22.38	20.31	0	5296.	99.23		
REGION 10 - SEATTLE-														
REGION 10 - SEATTLE- TOTALS														
TT TOTAL-OSE OSE REGION 10	H	23.08	1152.92	831.56	B	5.603	0.0	2678.85	42.70					
	L	0.96	29.56	493.04	D	0.259	0.0	1615.03	17.34	0	15923.	673.45		
TT TOTAL-NCC NCC REGION 10	H	7.43	19.34	17.30	B	2.675	6.05	2.03	7.22					
	L	0.01	0.03	2.03	D	0.107	0.21	0.32	0.75	0	94.	14.32		
STAFF OFFICES														
STAFF OFFICES- TOTALS														

1985 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME		MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONVECT HOURS	PROCESSING: PRIORITY/PROCESSING SEGMENT	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-USE	DSE		0.07		5.42	0.0	B	0.312	0.0	232.29	3.56			
STAFF OFF			12.78		2.99	129.02	D	0.203	0.0	583.81	6.46	21	5091.	123.78
TT TOTAL-NCC	NCC		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
STAFF OFF			0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0

1993 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAL ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SKU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)-												
OFF. OF ADMINISTRATION (OA)												
ST SUB-TOTAL OSI H		18.45		2276.65	1541.45	B 6.494	0.0	7941.94	95.74			
OSI-OA L		10.17		105.62	1749.33	D 1.377	0.0	7514.11	62.52	119	75578.	2662.27
ST SUB-TOTAL NCC H		75.68		174.05	70.30	B 10.188	31.13	26.80	35.24			
NCC-OA L		12.59		15.15	439.57	D 4.551	24.22	18.72	84.64	9	22071.	232.33
(OPM)-												
OFF. OF PLANNING AND EVAL. (OPE)												
ST SUB-TOTAL OSI H		1.02		115.08	2.23	B 1.649	0.0	982.94	15.80			
OSI-OPE L		1.34		18.45	410.28	D 0.0	0.0	570.42	6.36	0	9993.	239.19
ST SUB-TOTAL NCC H		4.12		695.19	95.93	B 6.937	41.62	15.46	46.58			
NCC-OPE L		0.26		0.86	29.24	D 0.193	1.38	0.40	5.65	0	1576.	74.82
(OPM)-												
OFF. OF RESOURCE MGT. (ORM)												
ST SUB-TOTAL OSI H		212.62		2470.89	737.13	B 28.123	0.0	14192.01	249.78			
OSI-ORM L		4.89		61.30	2194.11	D 1.215	0.0	6216.77	57.33	2057	103219.	2653.37
ST SUB-TOTAL NCC H		0.0		0.0	0.0	B 0.0	0.0	0.0	0.0			
NCC-ORM L		0.0		0.0	0.0	D 0.0	0.0	0.0	0.0	0	0.	0.0
(OPM)-												
TOTALS												
TT TOTAL-OSI OSI H		232.31		4866.47	2280.81	B 36.268	0.0	23116.88	361.32			
OPM L		16.42		155.71	4351.24	D 2.593	0.0	12333.16	126.54	2176	188794.	5558.59
TT TOTAL-NCC NCC H		80.80		869.23	166.23	B 17.125	72.75	42.26	81.82			
OPM L		12.87		16.01	438.81	D 4.743	25.60	19.12	90.29	9	23647.	306.35
OFF. OF ENFORCEMENT (OE)-												
OFF. OF GENERAL ENFORCEMENT (OGE)												

1990 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S E R V I C E	T L T Y P E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP PR PD EC S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAL ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	M		81.82	1299.18	2570.75	B	20.749	0.0	17407.48	248.43					
OSI-OCE	L		44.87	125.80	2838.04	D	1.914	0.0	6597.02	73.06	390	112334.	3428.42		
ST SUB-TOTAL NCC	M		0.35	74.04	7.90	B	6.353	24.76	16.95	9.50					
NCC-OCE	L		0.27	0.80	51.39	D	0.091	0.41	1.61	2.27	0	3348.	54.56		
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)															
ST SUB-TOTAL OSI	M		16.18	1104.40	0.0	B	9.134	0.0	5096.47	71.18					
OSI-OWE	L		1.76	2.19	259.85	D	0.052	0.0	672.04	7.46	0	58670.	906.38		
ST SUB-TOTAL NCC	M		0.0	0.29	0.0	B	0.0	0.0	0.0	0.0					
NCC-OWE	L		0.00	0.02	1.07	D	0.0	0.0	0.0	0.05	0	0.	0.0		
(OE)-- OFF. OF NOISE SOURCE AND NOISE ENF. (ONSNE															
ST SUB-TOTAL OSI	M		6.90	17.70	0.0	B	2.731	0.0	1713.26	33.67					
OSI-ONSNE	L		7.13	23.59	1323.13	D	0.574	0.0	2459.44	27.86	210	31534.	615.36		
ST SUB-TOTAL NCC	M		3.40	6.23	18.46	B	1.075	4.34	2.06	5.38					
NCC-ONSNE	L		0.43	0.86	51.54	D	0.492	1.27	0.34	4.11	49	11915.	98.11		
OFF. OF ENFORCEMENT- TOTALS															
TT TOTAL-OSI	OSI	M	105.02	2423.75	2570.75	B	40.638	0.0	24267.26	353.82					
	OE	L	53.76	151.52	4421.66	D	2.553	0.0	9729.70	108.43	600	202604.	4953.75		
TT TOTAL-NCC	NCC	M	3.75	80.55	26.36	B	7.428	29.60	19.01	14.88					
	OE	L	0.70	1.68	104.00	D	0.583	1.68	1.95	6.43	49	14963.	152.67		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)															
ST SUB-TOTAL OSI	M		2.28	2.28	0.0	B	34.830	0.0	14064.60	232.05					
OSW-OSI	L		4.46	48.70	1346.60	D	5.693	0.0	5534.80	72.36	0	74620.	2745.89		

1990 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	SE RV IC E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING PROC E S S	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL HCC	H		0.41		52.33	5.35	B	0.513	1.28	0.0	1.53			
DSH-HCC	L		0.79		0.94	38.00	D	0.255	1.53	0.0	6.88	0	893.	15.30
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)														
ST SUB-TOTAL DSI	H		98.30		464.68	1569.67	B	43.833	0.0	23175.34	325.60			
OWPS-DSI	L		14.38		197.19	3934.34	D	7.753	0.0	7678.96	87.63	4399	334802.	4562.35
ST SUB-TOTAL HCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OWPS-HCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	50.	0.15
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)														
ST SUB-TOTAL DSI	H		154.41		766.78	0.0	B	13.623	0.0	14478.23	159.61			
OWPO-DSI	L		10.62		74.97	3047.66	D	2.657	0.0	9607.66	96.07	1126	96344.	2722.49
ST SUB-TOTAL HCC	H		0.0		35.27	0.0	B	0.0	0.0	0.0	0.0			
OWPO-HCC	L		1.06		11.75	62.31	D	2.742	7.80	8.13	29.45	0	3111.	47.20
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)														
ST SUB-TOTAL DSI	H		31.66		792.54	248.00	B	15.453	0.0	4661.69	63.71			
OWS-DSI	L		3.01		64.81	1219.86	D	4.839	0.0	2406.12	26.28	1524	78636.	1512.22
ST SUB-TOTAL HCC	H		4286.89		536.30	451.65	B	33.339	146.46	15.32	175.49			
OWS-HCC	L		36.64		28.43	927.15	D	19.519	66.61	13.04	239.81	94	88717.	772.91
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS														
TT TOTAL-DSI DSI	H		284.35		2020.78	1937.67	B	107.544	0.0	53379.86	780.97			
OWHM	L		32.97		383.66	9218.45	D	21.153	0.0	25227.54	282.34	7049	584402.	11543.65
TT TOTAL-HCC HCC	H		4287.30		593.19	457.00	B	33.819	147.73	15.32	177.02			
OWHM	L		38.49		41.13	927.46	D	22.515	74.14	21.17	276.14	94	92778.	835.54

1995 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	IS CE RE IT VE IY	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PO EC ES SI TI VI GI	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - --OR-- UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF AIR QUAL PLANNING AND STNDRDS (OA														
ST SUB-TOTAL OSI	H		15.40		15.36	0.0	B	0.334	0.0	594.06	7.23			
OAQPS-OSI	L		0.22		3.03	45.14	D	0.393	0.0	291.07	3.23	0	1355.	131.38
ST SUB-TOTAL NCC	H		2309.75		5323.86	3291.45	B	491.337	1368.35	904.13	1512.90			
OAQPS-NCC	L		133.75		253.90	6159.41	D	111.947	442.09	187.77	1755.29	4300	386967.	6338.30
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O														
ST SUB-TOTAL OSI	H		0.35		5.81	0.0	B	0.131	0.0	95.74	1.20			
OMSAP-OSI	L		0.18		2.76	51.27	D	0.0	0.0	100.71	1.14	0	163.	29.35
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OMSAP-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF NOISE ABATEMENT AND CONTROL (ONAC														
ST SUB-TOTAL OSI	H		2.74		110.00	0.0	B	7.279	0.0	935.14	43.10			
ONAC-OSI	L		0.32		42.61	526.01	D	0.387	0.0	1220.25	13.61	0	12571.	488.28
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ONAC-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM) OFF. OF RADIATION PROGRAMS (ORP)-														
ST SUB-TOTAL OSI	H		1.12		131.46	24.31	B	0.899	0.0	379.51	7.82			
ORP-OSI	L		0.70		59.64	990.64	D	0.233	0.0	1384.91	15.33	122	9048.	272.17
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ORP-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)- TOTALS														

1993 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S T R U C T U R E D	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PJ EC E S S I N G	PROCESSING CPU HOURS (TLM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IOM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IOM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-OSI	OSI	H	21.62	296.37	24.31	B	10.391	0.0	2428.33	70.16				
DAPS		L	1.64	121.33	1592.90	D	0.673	0.0	3253.44	36.14	122	23316.	1017.52	
IT TOTAL-NCC	NCC	H	2305.76	5324.41	3295.32	B	491.307	1368.44	904.13	1512.98				
DAPS		L	133.77	253.93	8151.90	D	111.947	447.18	187.77	1755.63	4300	387309.	6339.15	
OFF. OF TOXIC SUBSTNCS. (OTS)-														
OFF. OF PROM. INTEGRATION/INFO														
ST SUB-TOTAL OSI	OSI	H	57.13	249.75	1305.00	B	53.063	0.0	15671.83	212.50				
-OSI		L	0.90	30.08	409.83	D	3.193	0.0	4165.24	78.13	507	52792.	4550.15	
ST SUB-TOTAL NCC	NCC	H	9.08	460.98	372.15	B	78.552	180.54	131.58	205.92				
-NCC		L	4.73	12.57	291.78	D	3.771	18.45	10.62	75.15	863	48384.	675.30	
OFF. OF TOXIC SUBSTNCS. (OTS)-														
OFF. OF PESTICIDE PROGRAMS (OPP)														
ST SUB-TOTAL OSI	OSI	H	349.08	5472.13	1238.01	B	66.453	0.0	28377.66	393.86				
OPP-OSI		L	12.31	266.67	4664.87	D	7.204	0.0	15470.49	171.89	4750	201695.	5539.14	
ST SUB-TOTAL NCC	NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
OPP-NCC		L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
OFF. OF TOXIC SUBSTNCS (OTS)-														
TOTALS														
IT TOTAL-OSI	OSI	H	407.01	5721.87	2513.01	B	119.529	0.0	44049.49	606.36				
OTS		L	13.21	297.55	5074.70	D	10.397	0.0	19635.73	250.02	5257	254486.	10089.29	
IT TOTAL-NCC	NCC	H	9.68	460.98	372.15	B	78.552	180.54	131.58	205.92				
OTS		L	4.73	12.57	291.78	D	3.771	18.45	10.62	75.15	863	48384.	675.30	
OFF. OF RSCH AND DEVLT (ORD)-														
OFF. OF AIR LAND AND WATER USE (OALWU)-														
(OALWU) - ENV. SCIENCES RSCH LAB-LEP														

ACTIVITY NAME	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: PD EC S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (JNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (JNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI H	0.0	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ESRL-OSI L	0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC H	407.04	1966.53	1376.14	B	146.775	399.47	219.27	375.90				
ESRL-NCC L	353.46	213.31	5905.32	D	112.924	907.32	242.43	1990.76	383	320458.	4575.68
(DALWO)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)													
ST SUB-TOTAL OSI H	3.39	38.24	0.0	B	0.865	0.0	560.69	8.34				
MERL-OSI L	1.81	17.43	428.63	D	0.755	0.0	1181.98	13.50	18	7622.	238.42
ST SUB-TOTAL NCC H	0.44	54.20	1.37	B	0.131	0.26	0.06	0.32				
MERL-NCC L	0.91	8.85	88.00	D	0.593	10.25	11.24	34.23	0	3267.	106.69
ADA ROBERT S. KERR ENV. RSCH. LAB													
ST SUB-TOTAL OSI H	0.16	6.83	291.23	B	0.241	0.0	209.15	2.92				
ADA-OSI L	0.02	0.39	8.69	D	0.0	0.0	36.32	0.40	0	8.	59.38
ST SUB-TOTAL NCC H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ADA-OSI L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(DALWO)- ENVIRONMENTAL RSCH LAB-ATHENS													
ST SUB-TOTAL OSI H	1.69	57.78	466.62	B	3.219	0.0	898.77	20.51				
ATHEN-OSI L	1.56	34.21	540.12	D	0.633	0.0	1148.50	14.16	0	34624.	581.10
ST SUB-TOTAL NCC H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
ATHEN-NCC L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
DEP. OF AIR LAND AND WATER USE (DALWO)- TOTALS													
TT TOTAL-OSI OSI H	5.33	106.42	757.85	B	4.439	0.0	1716.76	32.40				
DALW L	3.69	56.58	1178.46	D	1.364	0.0	2465.51	29.17	18	42930.	904.73

1990 WORKLOAD DATA FOR SCENARIO 2

ACCT ID / ACTIVITY NAME / YR	ST / TYP / RT	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR PG EC E S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC NCC	H		407.48		2020.73	1377.51	B	146.935	399.73	218.33	376.22			
DALLJ	L		354.37		222.15	5993.32	D	113.512	517.57	253.67	2024.99	383	323725.	4681.35
(ORD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-														
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)														
ST SUB-TOTAL OST	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-RTP	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		261.52		1077.63	557.94	B	72.094	234.25	162.28	308.67			
EMSL-RTP	L		154.87		135.54	2247.95	D	42.164	224.40	66.79	795.73	866	60156.	1915.72
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-														
ST SUB-TOTAL OST	H		0.68		14.69	0.0	B	0.170	0.0	117.77	1.50			
EMSL-CIN	L		0.94		17.44	473.18	D	0.079	0.0	468.83	5.23	0	3269.	85.39
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-CIN	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(OEMI)-OFF. OF ENERGY MIN. AND INDST RC (ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI														
(ORD) OFF. OF ENERGY MINERALS AND INDST (TOTALS														
TT TOTAL-OST OST	H		10.95		1303.44	36.73	B	17.647	0.0	8466.63	137.64			
OEMI	L		16.61		135.98	4473.65	D	1.869	0.0	7816.48	83.90	203	41466.	1996.35
TT TOTAL-NCC NCC	H		261.52		1077.63	557.94	B	72.094	234.25	162.28	308.67			
OEMI	L		154.87		135.54	2247.95	D	42.164	224.40	66.79	795.73	866	60156.	1915.72
(ORD) OFF. OF HEALTH AND ECOL EFFECTS (OH HEEL-RTP														

1990 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S E R V I C E CLASS	TYPE OF RUN	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE OF PROCESSING	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	TAPES (REELS)	DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.97	2.94	0.0	B	0.038	0.0	7.16	0.08					
HERL-RIP	L		0.10	1.40	30.96	D	0.0	0.0	49.25	0.55	0	0.	7.16		
ST SUB-TOTAL NCC	H		524.54	3028.63	1313.22	B	143.401	517.23	322.36	593.50					
HERL-RIP	L		230.75	241.43	6537.10	D	106.695	399.79	125.51	1452.65	6098	475495.	4188.57		
(OHES) - HEALTH EFFECTS RSCH LAB-CIN															
ST SUB-TOTAL OSI	H		2.02	121.77	0.0	B	1.056	0.0	526.14	8.87					
HERL-CIN	L		0.39	5.88	130.66	D	0.073	0.0	422.34	4.68	0	3554.	128.74		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
HERL-CIN	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	6.	0.50		
(OHEE) - CORVALLIS															
ST SUB-TOTAL OSI	H		0.0	7.64	273.56	B	0.788	0.0	325.40	5.84					
CORV-OSI	L		0.35	5.19	115.25	D	0.042	0.0	384.93	4.30	7	3351.	124.37		
ST SUB-TOTAL NCC	H		0.01	0.16	0.04	B	0.0	0.0	0.08	0.0					
CORV-OSI	L		0.00	0.02	0.60	D	0.0	0.04	0.04	0.13	0	1034.	0.31		
(OHEE) - GROSSE ILE															
ST SUB-TOTAL OSI	H		35.66	1676.00	1861.34	B	34.537	0.0	12317.29	250.67					
GI-OSI	L		14.42	65.11	1884.90	D	6.054	0.0	20672.47	229.43	0	100928.	4856.52		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
GI-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.3	0	0.	0.3		
(OHEI) - NARRAGANSETT															
ST SUB-TOTAL OSI	H		1.22	73.26	174.39	B	1.280	0.0	327.04	7.36					
NARRA-OSI	L		0.09	1.41	31.38	D	0.0	0.0	72.16	0.78	0	6647.	107.15		

ACTIVITY NAME	SYS TYP	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IPYR PROC CLASS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
NARRA-OSI	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	67.	0.56
(OHEE) - GULF BREEZE														
ST SUB-TOTAL OSI	H		1.68		101.53	0.0	B	0.213	0.0	76.43	1.57			
GB-OSI	L		1.03		15.39	342.02	D	0.075	0.0	873.86	9.71	0	6997.	162.31
ST SUB-TOTAL NCC	H		0.04		0.38	0.08	B	0.0	0.08	0.08	0.08			
GB-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	6824.	10.30
(ORD) - OFF. OF HEALTH AND ECOL EFFECTS (TOTALS														
TT TOTAL-OSI OSI	H		41.55		1983.14	2339.29	B	37.887	0.0	13579.45	274.39			
OHEE	L		16.39		94.39	2535.17	D	6.252	0.0	22475.00	249.45	7	121476.	5386.54
TT TOTAL-NCC NCC	H		524.59		3029.17	1813.34	B	143.431	517.31	322.52	593.58			
OHEE	L		230.75		241.45	6597.70	D	106.695	399.83	125.55	1452.78	6098	487146.	4204.30
OFF. OF MONIT AND TECHNICAL SUPPORT (OMTS ENVIRONMENTAL MONIT SPT LAB-RTP														
ST SUB-TOTAL OSI	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-RTP	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		200.04		1498.16	792.80	B	57.173	228.35	134.50	283.54			
EMSL-RTP	L		41.48		109.18	1483.74	D	19.712	108.71	128.23	401.32	928	119792.	1354.24
(OMTS) - ENVIRONMENTAL MONIT SPT LAB-CIN														
ST SUB-TOTAL OSI	H		11.26		235.95	23.61	B	1.142	0.0	995.99	13.06			
EMSL-CIN	L		1.18		16.85	535.41	D	0.453	0.0	869.73	10.10	60	28890.	389.50
ST SUB-TOTAL NCC	H		1.28		58.09	6.34	B	0.0	0.69	0.20	1.10			
EMSL-CIN	L		11.46		18.02	132.93	D	2.551	10.75	5.51	40.40	13	6894.	91.33

ACTIVITY NAME	IS IC IR SV VI IC IF IV IP IG	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	IP PROCESSING: SUP HOURS - UNIVAC ONLY	IP PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	IP PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
(ORIS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB													
ST SUB-TOTAL OSI	OSI H		37.67		1644.19	516.50	B 17.531	0.0	2957.21	112.50			
LV-OSI	L		3.68		56.48	1575.47	D 1.437	0.0	4103.35	48.53	0	27483.	1544.53
ST SUB-TOTAL NCC	NCC H		0.91		28.37	41.21	B 9.485	15.25	0.0	15.33			
LV-NCC	L		0.01		0.03	0.72	D 0.0	0.0	0.0	0.0	8418	146.	22.35
(ORD) - OFF. OF MOVET AND TECHNICAL SUPPO TOTALS													
TT TOTAL-OSI	OSI H		53.14		2114.79	542.11	B 19.374	0.0	4746.10	135.43			
OMIS	L		5.40		111.35	2159.18	D 1.993	0.0	5414.33	63.47	60	60595.	2088.37
TT TOTAL-NCC	NCC H		202.24		1585.33	842.36	B 67.461	245.90	134.70	301.38			
OMIS	L		63.59		127.42	1597.06	D 22.565	120.16	133.74	444.84	9359	126882.	1475.24
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ													
OFF. OF RSCH AND DEVEL (ORD) - TOTALS													
TT TOTAL-OSI	OSI H		118.76		5761.29	3745.98	B 81.391	0.0	31558.05	616.06			
ORD	L		46.84		424.96	11434.69	D 13.107	0.0	41760.59	465.88	286	324464.	11399.39
TT TOTAL-NCC	NCC H		1395.83		8553.35	4591.14	B 429.862	1397.19	837.83	1579.85			
ORD	L		804.23		698.34	16538.02	D 285.394	1264.87	590.92	4730.28	16706	997908.	12297.33
REGION 1 - BOSTON-													
REGION 1 - BOSTON- TOTALS													
TT TOTAL-OSI	OSI H		9.29		1231.68	950.14	B 25.845	0.0	3384.82	56.24			
REGION 1	L		1.49		29.71	488.65	D 3.253	0.0	1998.32	24.27	129	35634.	913.39

1990 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	S I R V I C E L E V E L	T E R M I N A L T Y P E	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR POOL EQUIV SYS UNIT GRP	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC	H	20.72	191.57	95.85	B	12.327	19.86	5.95	22.85					
REGION 1		L	3.60	5.09	144.45	D	1.716	5.53	1.07	18.69	126	14349.	48.12		
REGION 2 - NEW YORK-															
REGION 2 - NEW YORK- TOTALS															
TT TOTAL-OSI	OSI	H	18.96	1255.82	958.85	B	12.455	0.0	5934.40	101.53					
REGION 2		L	22.06	238.52	5658.05	D	1.033	0.0	3372.78	37.59	243	26110.	1531.65		
TT TOTAL-NCC	NCC	H	2.61	180.93	121.71	B	16.212	40.74	27.53	44.73					
REGION 2		L	0.89	1.83	97.28	D	1.143	3.24	0.16	10.91	64	1703.	119.76		
REGION 3 - PHILADELPHIA-															
REGION 3 - PHILADELPHIA- TOTALS															
TT TOTAL-OSI	OSI	H	22.92	9335.27	2035.44	B	20.721	0.0	9307.58	164.06					
REGION-3			6.86	102.69	2235.22	D	1.797	0.0	7263.71	80.80	0	22562.	2234.66		
TT TOTAL-NCC	NCC	H	31.02	519.18	150.55	B	19.925	46.22	19.11	55.69					
REGION-3			0.39	1.80	60.10	D	0.980	3.27	0.0	14.87	0	1372.	124.12		
REGION 4 - ATLANTA-															
REGION 4 - ATLANTA- TOTALS															
TT TOTAL-OSI	OSI	H	115.03	7322.89	3561.19	B	24.913	0.0	12745.07	220.69					
REGION-4			7.90	115.31	2705.27	D	3.328	0.0	7929.86	91.01	0	105784.	3002.11		
TT TOTAL-NCC	NCC	H	141.84	350.13	257.08	B	22.542	74.12	46.18	87.01					
REGION-4		L	128.61	5.53	158.38	D	30.611	18.16	7.43	79.42	0	13922.	333.14		

1990 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	IS IE IR SV IT IC IM LT IY IP IE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP YR PD EC ES SI N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-														
REGION 5 - CHICAGO- TOTALS														
IT TOTAL-OSI	OSI H	13.65	1141.58	2159.70	B	12.393	0.0	5635.80	105.78					
REGION-5	L	13.81	93.65	2554.16	D	1.894	0.0	7798.91	86.87	0	53420.	2176.72		
IT TOTAL-NCC	NCC H	274.91	1752.68	509.39	B	59.083	148.39	86.68	155.98					
REGION-5	L	47.32	18.47	736.05	D	6.164	38.84	16.79	125.77	0	90817.	547.53		
REGION 6 - DALLAS														
REGION 6 - DALLAS TOTALS														
IT TOTAL-OSI	OSI H	38.32	1562.77	1776.08	B	13.633	0.0	7280.81	109.58					
REGION-6	L	7.08	81.11	2076.95	D	1.145	0.0	5383.78	60.14	14	24027.	1689.39		
IT TOTAL-NCC	NCC H	16.44	589.92	75.44	B	9.144	22.46	10.72	24.83					
REGION-6	L	0.01	0.05	3.71	D	0.0	0.15	0.08	0.39	0	867.	62.28		
REGION 7 - KANSAS CITY-														
REGION 7 - KANSAS CITY- TOTALS														
IT TOTAL-OSI	OSI H	14.68	239.11	1014.71	B	3.781	0.0	3106.58	40.83					
REGION-7	L	5.04	25.03	541.70	D	0.391	0.0	1966.26	21.83	0	6125.	620.82		
IT TOTAL-NCC	NCC H	4.19	95.65	48.71	B	5.503	14.09	8.02	13.91					
REGION-7	L	0.44	0.92	56.97	D	0.243	4.40	1.00	12.88	0	1984.	47.58		
REGION 8 - DENVER-														

1990 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	SYS ENT REV VOL PRI CPU LIB	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYP PRO SEC SYS INT NOD	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER-TOTALS														
TT TOTAL-DSI	DSI H		14.01		901.56	911.71	B	12.785	0.0	4155.21	84.92			
REGION-8	L		2.11		28.24	552.59	D	0.236	0.0	1976.86	22.50	126	13931.	1072.44
TT TOTAL-NCC	NCC H		25.23		237.18	127.52	B	14.913	40.55	12.34	56.09			
REGION-8	L		12.55		4.83	102.44	D	1.368	5.80	15.60	21.73	0	2118.	134.35
REGION 9 - SAN FRANCISCO-														
REGION 9 - SAN FRANCISCO-TOTALS														
TT TOTAL-DSI	DSI H		5.59		1011.96	450.11	B	14.183	0.0	5942.14	109.37			
REGION-9	L		5.84		493.29	1236.45	D	0.695	0.0	3264.85	36.14	0	20742.	1269.93
TT TOTAL-NCC	NCC H		12.23		380.64	148.18	B	19.777	43.83	379.85	46.38			
REGION-9	L		3.24		13.28	157.84	D	0.873	6.93	27.50	26.94	0	6923.	134.17
REGION 10 - SEATTLE-														
REGION 10 - SEATTLE-TOTALS														
TT TOTAL-DSI	DSI H		31.91		1658.84	1156.12	B	7.618	0.0	3698.85	59.21			
REGION 10	L		1.37		41.11	689.16	D	0.355	0.0	2270.83	24.49	0	21712.	931.92
TT TOTAL-NCC	NCC H		10.11		26.31	23.53	B	3.641	8.23	2.77	9.83			
REGION 10	L		0.01		0.04	2.76	D	0.145	0.29	0.44	1.02	0	73.	19.38
STAFF OFFICES														
STAFF OFFICES-TOTALS														

1990 WORKLOAD DATA FOR SCENARIO 2

ACTIVITY NAME	IS IF IR IS IT IC IR	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCPS (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TOTAL-OSI	OSI H		1.59		7.86	0.0	B	0.458	0.0	341.36	5.22			
STAFF OFF	L		18.65		4.41	190.06	D	0.310	0.0	860.15	9.52	30	7455.	184.66
TOTAL-NCC	NCC H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
STAFF OFF	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S I R V I C E	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	P/R PD EC S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)-														
OFF. OF ADMINISTRATION (OA)														
ST SUB-TOTAL OST H		7.40	926.37	543.57	B	2.795	0.0	3330.05	40.16					
OST-OA L		3.43	43.48	328.85	D	0.553	0.0	3091.89	25.35	46	30852.	1154.36		
ST SUB-TOTAL NCC H		28.77	73.17	29.31	B	4.275	12.96	10.99	14.63					
NCC-OA L		4.98	6.40	172.55	D	1.987	10.22	7.83	35.69	4	9209.	96.37		
(OPM)-														
OFF. OF PLANNING AND EVAL. (OPE)														
ST SUB-TOTAL OST H		0.27	30.46	0.62	B	0.440	0.0	260.85	4.20					
OST-OPE L		0.35	4.89	108.89	D	0.0	0.0	151.35	1.69	0	2652.	63.59		
ST SUB-TOTAL NCC H		0.77	129.85	17.92	B	1.295	7.77	2.89	8.70					
NCC-OPE L		0.05	0.16	5.46	D	0.037	0.25	0.07	1.05	0	295.	13.88		
(OPM)-														
OFF. OF RESOURCE MGT. (ORM)														
ST SUB-TOTAL OST H		100.24	979.33	316.69	B	10.981	0.0	5370.20	94.91					
OST-ORM L		2.02	15.94	1056.25	D	0.460	0.0	1600.82	27.98	796	41998.	1079.98		
ST SUB-TOTAL NCC H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
NCC-ORM L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
(OPM)-														
TOTALS														
TT TOTAL-OST OST H		107.91	1937.52	950.68	B	14.237	0.0	8961.10	139.27					
OPM L		5.81	64.41	1930.64	D	1.019	0.0	4855.25	55.13	842	75502.	2299.13		
TT TOTAL-NCC NCC H		29.54	203.02	47.23	B	5.571	20.73	13.88	23.33					
OPM L		5.03	6.55	178.01	D	2.024	10.47	7.90	36.74	4	9504.	110.75		
OFF. OF ENFORCEMENT (OE)-														
OFF. OF GENERAL ENFORCEMENT (OGE)														

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI H		17.23		217.57	421.49	6.660	0.0	3631.93	53.76			
OSI-OGE L		5.50		21.84	484.36	0.402	0.0	1400.29	15.47	163	25563.	663.22
ST SUB-TOTAL NCC H		0.15		52.79	5.26	0.809	4.09	2.08	3.58			
NCC-OGE L		0.04		0.12	8.17	0.003	0.16	0.10	0.63	0	112.	2.90
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)												
ST SUB-TOTAL OSI H		9.64		387.67	0.0	3.345	0.0	1838.53	25.85			
OSI-OWE L		1.04		0.76	95.20	0.025	0.0	245.40	2.72	0	22430.	321.69
ST SUB-TOTAL NCC H		0.0		0.09	0.0	0.0	0.0	0.0	0.0			
NCC-OWE L		0.00		0.03	0.32	0.0	0.0	0.0	0.01	0	0.	0.0
(OE)-- OFF. OF NOISE SOURCE AND NOISE ENF. (ONSNE												
ST SUB-TOTAL OSI H		2.14		6.18	0.0	0.883	0.0	545.57	12.27			
OSI-ONSNE L		2.53		8.06	440.90	0.191	0.0	856.51	9.70	84	10170.	202.69
ST SUB-TOTAL NCC H		0.92		1.68	4.99	0.283	1.27	0.54	1.42			
NCC-ONSNE L		0.12		0.23	13.94	0.132	0.34	0.09	1.09	13	3238.	67.86
OFF. OF ENFORCEMENT-TOTALS												
TT TOTAL-OSI OSI H		29.04		611.94	421.49	10.899	0.0	6029.83	92.03			
E L		9.07		30.67	1020.67	0.618	0.0	2502.52	27.90	247	58201.	1188.37
TT TOTAL-NCC NCC H		1.07		54.56	10.25	1.092	5.36	2.62	5.00			
E L		0.16		0.36	22.43	0.135	0.50	0.19	1.73	13	3350.	70.76
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)												
ST SUB-TOTAL OSI H		0.44		0.43	0.0	7.496	0.0	3026.65	49.95			
OSW-OSI L		1.06		19.91	289.77	1.269	0.0	1406.80	15.57	0	16362.	589.83

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	IS IL IR IZ IP IC IE IB IK IB IT	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PD EC S I G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCPS (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H		0.10		12.82	1.31	B	0.125	0.32	0.0	0.37			
OSW-NCC	L		0.19		0.23	9.32	D	0.062	0.37	0.0	1.68	0	219.	3.75
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)														
ST SUB-TOTAL OSI	H		29.72		142.97	489.56	B	13.833	0.0	6299.32	102.37			
OWPS-OSI	L		4.33		61.45	1181.46	D	2.478	0.0	2329.11	27.53	1317	100159.	1409.58
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OWPS-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	17.	0.35
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)														
ST SUB-TOTAL OSI	H		62.27		329.51	0.0	B	4.914	0.0	4695.23	58.75			
OWPO-OSI	L		4.12		29.83	1212.98	D	0.973	0.0	3212.40	35.78	336	35305.	1037.11
ST SUB-TOTAL NCC	H		0.0		12.02	0.0	B	0.0	0.0	0.0	0.0			
OWPO-NCC	L		0.36		4.09	21.23	D	0.934	2.66	2.77	10.03	0	1360.	16.11
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)														
ST SUB-TOTAL OSI	H		7.44		186.31	58.30	B	3.634	0.0	1095.69	14.97			
OWS-OSI	L		0.71		15.24	296.77	D	1.139	0.0	565.64	6.18	357	18486.	355.50
ST SUB-TOTAL NCC	H	1007.78		119.02		136.18	B	7.833	34.43	3.60	41.25			
OWS-NCC	L	8.61		6.68		134.45	D	4.583	15.71	3.07	56.37	22	20856.	181.70
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS														
TT TOTAL-OSI OSI	H	99.89		659.23		547.86	B	29.872	0.0	15117.08	226.04			
OWHM	L	10.21		116.52		2970.98	D	5.853	0.0	7513.74	89.06	2010	169711.	3391.99
TT TOTAL-NCC NCC	H	1007.78		143.86		137.49	B	7.953	34.75	3.60	41.62			
OWHM	L	9.17		10.92		725.00	D	5.584	16.74	5.64	68.08	22	22151.	201.51

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	STATUS	TYPE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING PRTY CODE	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP*S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF AIR QUAL PLANNING AND STNDRDS (OA															
ST SUB-TOTAL OSI	H			5.63		5.62	0.0	B	0.144	0.0	218.36	2.66			
OAQPS-OSI	L			0.07		1.11	2.43	D	0.033	0.0	106.97	1.19	0	498.	48.54
ST SUB-TOTAL NCC	H			838.73		1993.98	1222.08	B	161.705	512.09	337.84	565.39			
OAQPS-NCC	L			51.26		95.39	2356.38	D	42.131	167.76	71.53	666.94	1660	144661.	2362.53
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O															
ST SUB-TOTAL OSI	H			0.12		1.93	0.0	B	0.035	0.0	31.78	0.40			
OMSAP-OSI	L			0.06		0.92	20.30	D	0.0	0.0	33.43	0.38	0	53.	9.36
ST SUB-TOTAL NCC	H			0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OMSAP-NCC	L			0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF NOISE ABATEMENT AND CONTROL (ONAC															
ST SUB-TOTAL OSI	H			0.93		37.32	0.0	B	2.471	0.0	317.23	14.62			
ONAC-OSI	L			0.11		14.45	178.45	D	0.133	0.0	413.98	4.62	0	4265.	165.51
ST SUB-TOTAL NCC	H			0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ONAC-NCC	L			0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM) OFF. OF RADIATION PROGRAMS (ORP)-															
ST SUB-TOTAL OSI	H			0.44		52.03	9.64	B	0.349	0.0	151.23	3.12			
ORP-OSI	L			0.20		27.40	347.29	D	0.081	0.0	545.43	6.04	40	3566.	107.45
ST SUB-TOTAL NCC	H			0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ORP-NCC	L			0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)- TOTALS															

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S C R V I C E	T E R M I N A L T Y P E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	P/R PROCESSING PDEC S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-OSI	OSI	H		7.59		134.80	9.64	B	3.403	0.0	817.82	23.33			
OANM		L		0.55		44.66	552.44	D	0.247	0.0	1159.80	12.89	48	8423.	353.35
TT TOTAL-NCC	NCC	H		838.74		1994.11	1222.99	B	181.705	512.11	337.84	565.40			
OANM		L		51.27		95.40	2356.97	D	42.131	167.78	71.53	667.02	1660	144671.	2362.33
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PRGM. INTEGRATION/INFO															
ST SUB-TOTAL -OSI	OSI	H		15.90		71.98	350.00	B	15.973	0.0	4718.90	63.99			
		L		0.26		10.33	135.40	D	0.935	0.0	1395.76	23.52	152	15896.	1370.15
ST SUB-TOTAL -NCC	NCC	H		1.76		81.95	56.16	B	13.955	32.10	23.39	36.61			
		L		0.84		2.23	51.87	D	0.673	3.28	1.89	13.36	153	8602.	120.33
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PESTICIDE PROGRAMS (OPP)															
ST SUB-TOTAL OPP-OSI	OSI	H		72.11		1750.01	352.05	B	40.169	0.0	5355.59	103.63			
		L		3.09		96.77	1123.51	D	1.932	0.0	4093.36	45.38	1202	51051.	1460.35
ST SUB-TOTAL OPP-NCC	NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF TOXIC SUBSTNCS (OTS)- TOTALS															
TT TOTAL-OSI	OSI	H		88.01		1821.98	712.05	B	56.145	0.0	10074.48	167.62			
OTS		L		3.31		97.10	1256.91	D	2.838	0.0	5489.12	68.90	1354	66947.	2831.30
TT TOTAL-NCC	NCC	H		1.76		81.95	56.16	B	13.955	32.10	23.39	36.61			
OTS		L		0.84		2.23	51.87	D	0.673	3.28	1.89	13.36	153	8602.	120.33
OFF. OF RSCH AND DEVEL (ORD)- OFF. OF AIR LAND AND WATER USE (OAL4U)-															
(OAL4U) - ENV. SCIENCES RSCH LAB-RTP															

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SERVICE TYPE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING PRIORITY GROUP	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.0		0.0	0.0	A	0.0	0.0	0.0	0.0			
ESRL-OSI	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		51.65		260.36	133.72	B	43.623	55.95	29.98	50.08			
ESRL-NCC	L		45.59		28.56	732.83	D	15.075	67.35	31.91	266.63	60	44303.	623.14
(DALWU)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)														
ST SUB-TOTAL OSI	H		0.68		9.17	0.0	D	0.179	0.0	119.74	1.77			
MERL-OSI	L		0.41		4.39	135.37	D	0.158	0.0	288.48	3.30	3	1858.	56.50
ST SUB-TOTAL NCC	H		0.11		13.54	0.34	B	0.033	0.07	0.01	0.08			
MERL-NCC	L		0.23		2.21	21.99	D	0.147	2.56	2.81	8.55	0	916.	26.60
ADA ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL OSI	H		0.03		1.45	51.67	B	0.054	0.0	44.30	0.62			
ADA-OSI	L		0.00		0.08	1.65	D	0.0	0.0	7.71	0.09	0	2.	12.73
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ADA-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(DALWU)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL OSI	H		0.32		10.94	98.37	B	0.605	0.0	182.11	3.52			
ATHEN-OSI	L		0.32		6.54	126.90	D	0.111	0.0	219.70	2.66	0	6007.	113.32
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ATHEN-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	.0.	0.0
OFF. OF AIR LAND AND WATER USE (DALWU)- TOTALS														
IT TOTAL-OSI OSI	H		1.09		22.22	150.04	B	0.860	0.0	356.36	6.04			
DALWU	L		0.81		11.98	259.51	D	0.269	0.0	536.84	6.29	3	7989.	188.54

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SENSITIVITY	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE OF PROCESSING	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC H		51.96		273.90	194.06	B	43.656	56.32	29.99	50.16			
OALNU	L		45.82		30.77	914.82	J	15.222	70.51	34.72	275.18	60	44819.	649.74
(ORD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-														
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)														
ST SUB-TOTAL OSI	OSI H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-RTP	L		0.0		0.0	0.0	J	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	NCC H		90.59		610.70	135.87	B	22.742	79.75	53.10	103.96			
EMSL-RTP	L		51.36		36.36	779.28	J	13.951	75.20	23.68	272.58	249	17234.	653.36
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-														
ST SUB-TOTAL OSI	OSI H		0.21		4.63	0.0	B	0.060	0.0	36.39	0.45			
EMSL-CIN	L		0.28		5.94	144.32	J	0.023	0.0	148.32	1.65	0	989.	26.86
ST SUB-TOTAL NCC	NCC H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-CIN	L		0.0		0.0	0.0	J	0.0	0.0	0.0	0.0	0	0.	0.0
(OEMI)-OFF. OF ENERGY MIN. AND INDST RD (ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI														
(ORD) OFF. OF ENERGY MINERALS AND INDST (TOTALS														
TT TOTAL-OSI	OSI H		2.83		334.24	9.53	B	4.713	0.0	2239.95	36.41			
OEMI	L		4.30		36.73	1175.32	J	0.491	0.0	2079.67	22.34	47	10298.	520.33
TT TOTAL-NCC	NCC H		90.59		610.70	135.87	B	22.742	79.75	53.10	103.96			
OEMI	L		51.36		36.36	779.28	J	13.951	75.20	23.68	272.58	249	17234.	653.35
(ORD) OFF. OF HEALTH AND ENVL EFFECTS (OH HERL-RTP														

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	ST	TYP	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TYP PROCESSING	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL	OSI	H		0.24		0.74	0.0	B	0.032	0.0	1.81	0.02			
HERL-RIP		L		0.02		0.35	7.79	D	0.0	0.0	12.41	0.13	0	0.	1.91
ST SUB-TOTAL	NCC	H		115.87		771.25	437.38	B	35.673	121.44	83.91	139.08			
HERL-RIP		L		72.83		64.05	1771.23	D	31.233	105.54	35.08	384.05	1450	126552.	1057.71
(OHEE) - HEALTH EFFECTS RSCH LAB-CIN															
ST SUB-TOTAL	OSI	H		0.55		32.89	0.0	B	0.289	0.0	142.14	2.40			
HERL-CIN		L		0.11		1.59	35.26	D	0.022	0.0	114.09	1.27	0	960.	34.78
ST SUB-TOTAL	NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
HERL-CIN		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	1.	0.12
(OHEE) - CORVALLIS															
ST SUB-TOTAL	OSI	H		0.0		0.77	42.33	B	0.399	0.0	41.90	0.69			
CORV-OSI		L		0.04		0.51	11.43	D	0.006	0.0	46.62	0.53	0	229.	11.34
ST SUB-TOTAL	NCC	H		0.00		0.02	0.01	B	0.0	0.0	0.01	0.0			
CORV-OSI		L		0.00		0.03	0.06	D	0.0	0.01	0.01	0.02	0	104.	0.38
(OHEE) - GROSSE ILE															
ST SUB-TOTAL	OSI	H		9.87		535.98	1328.30	B	6.169	0.0	1968.90	42.09			
GI-OSI		L		2.11		25.46	526.06	D	0.935	0.0	3038.30	33.75	0	12661.	791.41
ST SUB-TOTAL	NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
GI-NCC		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(OHEE) - NARRAGANSETT															
ST SUB-TOTAL	OSI	H		0.33		19.97	54.41	B	0.345	0.0	89.15	2.01			
NARRA-OSI		L		0.02		0.38	8.53	D	0.0	0.0	19.70	0.21	0	1811.	29.24

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S E R V I C E L E V E L	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP/RT PC E S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCPTS (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
NARRA-OSI	L	0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	5.	0.24	
(GHEE) - GULF BREEZE														
ST SUB-TOTAL OSI	H	0.46	27.67	0.0	0.0	B	0.062	0.0	20.85	0.43				
GB-OSI	L	0.26	4.20	93.23	0.0	D	0.024	0.0	238.12	2.65	0	1907.	44.38	
ST SUB-TOTAL NCC	H	0.01	0.10	0.02	0.0	B	0.0	0.02	0.02	0.02				
GB-NCC	L	0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	1864.	2.73	
(ORD) - OFF. OF HEALTH AND ECOL EFFECTS (TOTALS														
TT TOTAL-OSI OSI	H	10.45	588.03	1125.04	0.0	B	6.955	0.0	2264.75	47.64				
ORFE	L	2.58	32.50	692.30	0.0	D	0.958	0.0	3469.24	38.54	0	17568.	913.46	
TT TOTAL-NCC NCC	H	115.89	771.36	437.41	0.0	B	35.673	121.46	83.94	139.10				
ORFE	L	72.83	64.05	1771.29	0.0	D	31.233	105.55	35.09	384.07	1450	129540.	1061.33	
OFF. OF MONIT AND TECHNICAL SUPPORT (ORTS ENVIRONMENTAL MONIT SPT LAB-RTP														
ST SUB-TOTAL OSI	H	0.0	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
EMSL-RTP	L	0.0	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0	
ST SUB-TOTAL NCC	H	45.59	341.67	150.07	0.0	B	13.079	51.98	30.47	64.52				
EMSL-RTP	L	9.51	44.81	339.85	0.0	D	4.557	24.85	29.77	66.42	242	28038.	309.24	
(OMES) - ENVIRONMENTAL MONIT SPT LAB-CIN														
ST SUB-TOTAL OSI	H	2.18	50.97	4.73	0.0	B	0.277	0.0	248.12	3.21				
EMSL-CIN	L	0.30	4.36	133.10	0.0	D	0.114	0.0	221.53	2.58	12	7256.	98.55	
ST SUB-TOTAL NCC	H	0.28	12.52	1.37	0.0	B	0.0	0.15	0.04	0.24				
EMSL-CIN	L	2.47	3.88	22.19	0.0	D	0.550	2.32	1.18	8.71	2	1486.	19.52	

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SYS TYPE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: TYPE SYS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
(OMTS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB														
ST SUB-TOTAL OSI	OSI H		9.02		435.36	147.33	B	4.087	0.0	733.80	26.82			
LV-OSI	L		0.90		20.52	378.63	D	0.323	0.0	981.96	11.59	0	6489.	375.15
ST SUB-TOTAL NCC	NCC H		0.24		6.68	10.01	B	2.175	3.50	0.0	3.52			
LV-NCC	L		0.00		0.01	0.20	D	0.0	0.0	0.0	0.0	1892	41.	5.32
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO TOTALS														
TT TOTAL-OSI	OSI H		12.79		518.46	152.06	B	4.517	0.0	1158.05	32.22			
OMTS	L		1.32		26.67	521.28	D	0.457	0.0	1301.49	15.24	12	14705.	508.36
TT TOTAL-NCC	NCC H		46.11		361.03	191.69	B	15.433	55.98	30.51	68.60			
OMTS	L		14.35		48.75	364.39	D	5.174	27.32	30.95	75.83	2136	29577.	335.75
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ														
OFF. OF RSCH AND DEVEL (ORD) - TOTALS														
TT TOTAL-OSI	OSI H		28.58		1511.80	1436.67	B	17.479	0.0	6600.15	129.22			
ORD	L		9.90		113.07	2939.60	D	2.505	0.0	8079.31	90.15	62	61943.	2328.29
TT TOTAL-NCC	NCC H		304.55		2027.75	939.23	B	117.534	313.21	197.54	361.82			
ORD	L		184.54		180.41	3751.54	D	65.699	279.35	127.40	1010.83	3895	221169.	2706.52
REGION I - BOSTON-														
REGION I - BOSTON- TOTALS														
TT TOTAL-OSI	OSI H		2.19		267.15	174.76	B	2.461	0.0	732.08	12.05			
REGION I	L		0.37		6.58	119.49	D	0.057	0.0	428.36	4.58	26	7631.	203.19

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S E R V I C E	T E M P L A T E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP PROFILE	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC	H	3.81	111.55	52.53	B	9.887	10.23	3.20	11.81					
REGION 1		L	0.50	2.75	58.67	D	0.862	2.67	0.47	8.99	22	3044.	8.34		
REGION 2 - NEW YORK-															
REGION 2 - NEW YORK- TOTALS															
TT TOTAL-OSI	OSI	H	4.08	257.71	232.82	B	3.085	0.0	1325.49	23.76					
REGION 2		L	5.62	68.24	1592.28	D	0.763	0.0	838.58	9.35	67	6220.	365.32		
TT TOTAL-NCC	NCC	H	0.66	45.77	30.78	B	4.101	10.31	6.97	11.32					
REGION 2		L	0.22	0.46	24.61	D	0.298	0.82	0.04	2.75	16	431.	30.29		
REGION 3 - PHILADELPHIA-															
REGION 3 - PHILADELPHIA- TOTALS															
TT TOTAL-OSI	OSI	H	5.95	2424.73	544.28	B	5.339	0.0	2411.59	42.57					
REGION-3			1.78	26.73	534.58	D	0.469	0.0	1890.50	21.02	0	5764.	580.34		
TT TOTAL-NCC	NCC	H	8.08	135.29	61.84	B	5.193	12.04	4.98	14.51					
REGION-3			0.10	0.47	15.66	D	0.255	0.85	0.0	3.88	0	358.	32.34		
REGION 4 - ATLANTA-															
REGION 4 - ATLANTA- TOTALS															
TT TOTAL-OSI	OSI	H	40.58	2291.92	1257.09	B	10.711	0.0	4481.38	77.51					
REGION-4			2.10	40.97	1029.66	D	1.150	0.0	3031.69	34.48	0	37081.	837.39		
TT TOTAL-NCC	NCC	H	31.96	93.64	52.28	B	5.407	17.20	10.35	20.10					
REGION-4		L	28.61	1.24	36.93	D	0.397	4.22	1.75	18.93	0	3112.	78.33		

VN ID IK YB	ACTIVITY NAME	S I R V I C E	T U M P E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-																
REGION 5 - CHICAGO- TOTALS																
IT TOTAL-OSI	OSI	H		3.62	331.48	620.62	B	3.293	0.0	1716.01	28.14					
REGION-5		L		3.49	26.60	596.77	D	0.535	0.0	2100.09	23.38	0	14435.	585.56		
IT TOTAL-NCC	NCC	H		69.48	470.19	137.91	B	15.792	39.45	23.06	41.70					
REGION-5		L		11.97	4.88	211.37	D	1.617	10.21	4.40	33.02	0	23373.	145.22		
REGION 6 - DALLAS																
REGION 6 - DALLAS TOTALS																
IT TOTAL-OSI	OSI	H		8.66	356.66	414.02	B	2.657	0.0	1491.22	21.64					
REGION-6		L		1.68	19.54	486.17	D	0.239	0.0	1176.75	13.13	2	5942.	370.40		
IT TOTAL-NCC	NCC	H		4.25	150.64	19.27	B	2.335	5.73	2.73	6.34					
REGION-6		L		0.00	0.01	0.95	D	0.0	0.04	0.02	0.10	0	222.	15.30		
REGION 7 - KANSAS CITY-																
REGION 7 - KANSAS CITY- TOTALS																
IT TOTAL-OSI	OSI	H		4.81	72.24	333.44	B	1.076	0.0	826.71	11.16					
REGION-7		L		1.41	7.83	195.73	D	0.093	0.0	591.80	6.61	0	1646.	185.76		
IT TOTAL-NCC	NCC	H		1.03	25.41	13.22	B	1.613	3.94	2.19	3.92					
REGION-7		L		0.14	0.29	17.54	D	0.075	1.37	0.31	4.02	0	540.	13.96		
REGION 8 - DENVER-																

1981 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S U P	T E R M	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONVECT HOURS	P/R PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAL ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER- TOTALS														
TT TOTAL-OSI	OSI	H	3.24	199.94	210.71	8	3.025	0.0	830.15	19.59				
REGION-8		L	0.47	6.46	148.05	0	0.053	0.0	426.00	5.10	23	3065.	238.39	
TT TOTAL-NCC	NCC	H	5.43	51.92	26.98	8	3.012	8.27	2.58	11.37				
REGION-8		L	2.45	0.98	22.04	3	0.273	1.17	3.15	4.34	0	446.	26.38	
REGION 9 - SAN FRANCISCO-														
REGION 9 - SAN FRANCISCO- TOTALS														
TT TOTAL-OSI	OSI	H	1.26	267.61	113.32	3	3.572	0.0	1465.22	34.82				
REGION-9		L	1.76	205.74	323.26	3	0.191	0.0	852.53	9.43	0	4910.	309.64	
TT TOTAL-NCC	NCC	H	5.58	131.65	59.69	8	7.088	13.69	211.10	15.62				
REGION-9		L	1.32	10.75	58.95	0	0.262	2.85	15.43	11.32	0	3391.	51.30	
REGION 10 - SEATTLE-														
REGION 10 - SEATTLE- TOTALS														
TT TOTAL-OSI	OSI	H	8.32	307.54	255.90	8	1.893	0.0	974.44	15.07				
REGION 10		L	0.28	10.26	165.30	0	0.099	0.0	519.17	5.53	0	6252.	241.57	
TT TOTAL-NCC	NCC	H	2.95	7.69	6.88	8	1.064	2.40	0.81	2.87				
REGION 10		L	0.00	0.01	0.81	0	0.042	0.08	0.13	0.30	0	21.	5.58	
STATE OFFICES														
STATE OFFICES- TOTALS														

PAGE NO. 14 — 1981 WORKLOAD DATA FOR SCENARIO 3

ACT NO	ACTIVITY NAME	LOC	TYPE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE PROC	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
11	TOTAL-OSI	OSI	H		0.09		2.73	0.0	B	0.151	0.0	111.68	1.73			
	STAFF OFF		L		6.06		1.43	61.51	D	0.097	0.0	278.15	3.07	11	2477.	56.49
11	TOTAL-NCC	NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
	STAFF OFF		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S E L R	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING P/R PU EC S G	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)- OFF. OF ADMINISTRATION (OA)														
ST SUB-TOTAL OSI OSI-OA	H L	7.91 3.75	989.58 46.38	695.58 871.95	8 3	2.957 0.597	0.0 0.0	3545.93 3298.91	42.76 27.13	48	32345.	1224.35
ST SUB-TOTAL NCC NCC-OA	H L	30.97 5.33	77.90 6.81	31.23 193.65	8 0	4.552 2.108	13.81 10.87	11.73 8.35	15.60 37.98	4	9811.	103.21
(OPM)- OFF. OF PLANNING AND EVAL. (OPE)														
ST SUB-TOTAL OSI OSI-OPE	H L	0.38 0.50	43.08 6.90	0.86 153.83	8 0	0.623 0.0	0.0 0.0	368.55 213.86	5.93 2.39	0	3747.	89.71
ST SUB-TOTAL NCC NCC-OPE	H L	1.27 0.00	214.17 0.27	29.55 9.01	8 3	2.137 0.051	12.82 0.42	4.76 0.12	14.35 1.74	0	486.	22.59
(OPM)- OFF. OF RESOURCE MGT. (ORM)														
ST SUB-TOTAL OSI OSI-ORM	H L	109.17 2.24	1097.72 17.95	350.06 1146.58	8 3	12.343 0.523	0.0 0.0	5070.41 1808.46	107.21 30.31	896	46857.	1204.74
ST SUB-TOTAL NCC NCC-ORM	H L	0.0 0.0	0.0 0.0	0.0 0.0	8 3	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0	0.	0.3
(OPM)- TOTALS														
TT TOTAL-OSI OSI OPM	H L	117.48 6.50	2131.93 71.37	1036.50 2175.35	8 3	15.913 1.117	0.0 0.0	9984.89 5333.79	155.90 59.92	944	83550.	2520.97
TT TOTAL-NCC NCC OPM	H L	32.24 5.42	292.07 7.09	50.70 192.66	8 3	6.689 2.169	26.63 11.29	16.49 8.47	29.95 39.72	4	10297.	126.10
OFF. OF ENFORCEMENT (OOE)- OFF. OF GENERAL ENFORCEMENT (OGE)														

ACTIVITY NAME	S E R V I C E	S E R V I C E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP PROC SYS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		25.58	357.58	715.05	B	9.519	0.0	5414.01	78.94					
OSI-OGE	L		10.59	35.29	788.83	D	0.599	0.0	2072.57	22.92	192	36805.	1020.94		
ST SUB-TOTAL NCC	H		0.18	64.25	5.60	B	1.525	6.76	4.00	4.34					
NCC-OGE	L		0.07	0.21	13.76	D	0.015	0.19	0.29	0.84	0	492.	9.58		
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)															
ST SUB-TOTAL OSI	H		10.65	497.88	0.0	B	4.235	0.0	2339.49	32.82					
OSI-OWE	L		1.15	0.98	120.52	D	0.031	0.0	311.00	3.46	0	28002.	411.42		
ST SUB-TOTAL NCC	H		0.0	0.12	0.0	B	0.0	0.0	0.0	0.0					
NCC-OWE	L		0.00	0.01	0.43	D	0.0	0.0	0.0	0.02	0	0.	0.0		
(OE)-- OFF. OF NOISE SOURCE AND NOISE ENF. (OWSNE															
ST SUB-TOTAL OSI	H		2.49	7.02	0.0	B	1.017	0.0	631.16	13.84					
OSI-OWSNE	L		2.86	9.19	505.56	D	0.223	0.0	973.99	11.03	93	11736.	232.92		
ST SUB-TOTAL NCC	H		1.10	2.02	5.98	B	0.341	1.54	0.66	1.71					
NCC-OWSNE	L		0.14	0.20	16.69	D	0.153	0.40	0.11	1.31	15	3874.	70.38		
OFF. OF ENFORCEMENT-TOTALS															
ET TOTAL-OSI OSI	H		38.76	863.01	715.05	B	14.784	0.0	8400.50	125.77					
OE	L		14.61	45.47	1415.15	D	0.853	0.0	3357.93	37.42	285	76564.	1666.40		
ET TOTAL-NCC NCC	H		1.28	66.38	11.58	B	1.867	8.30	4.66	6.05					
OE	L		0.21	0.50	30.88	D	0.173	0.59	0.40	2.17	15	4365.	79.56		
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)															
ST SUB-TOTAL OSI	H		0.63	0.60	0.0	B	9.993	0.0	4030.10	66.49					
OSW-OSI	L		1.41	13.34	385.85	D	1.693	0.0	1872.80	20.73	0	21385.	785.90		

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S E K V I C P E R	T E S R U P P L E V P E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC E S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H			0.13		16.42	1.67	B	0.160	0.40	0.0	0.48			
DSW-NCC	L			0.25		0.30	11.92	D	0.080	0.48	0.0	2.15	0	280.	4.90
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)															
ST SUB-TOTAL DSI	H			41.29		197.26	675.22	B	18.893	0.0	9641.01	140.04			
OWPS-DSI	L			6.02		84.35	1640.98	D	3.363	0.0	3231.95	37.67	1838	139757.	1941.74
ST SUB-TOTAL NCC	H			0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OWPS-NCC	L			0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	24.	0.36
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)															
ST SUB-TOTAL DSI	H			73.21		381.66	0.0	B	5.925	0.0	5856.50	70.72			
OWPO-DSI	L			4.89		35.19	1630.76	D	1.176	0.0	3852.84	42.95	430	42286.	1237.17
ST SUB-TOTAL NCC	H			0.0		14.78	0.0	B	0.0	0.0	0.0	0.0			
OWPO-NCC	L			0.44		4.92	26.10	D	1.149	3.27	3.40	12.34	0	1304.	19.91
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)															
ST SUB-TOTAL DSI	H			11.86		296.80	92.88	B	5.737	0.0	1745.79	23.86			
OWS-DSI	L			1.13		24.27	456.84	D	1.812	0.0	901.09	9.84	569	29449.	566.32
ST SUB-TOTAL NCC	H			1605.43		189.61	169.14	B	12.474	54.85	5.74	65.72			
OWS-NCC	L			13.72		10.65	309.77	D	7.309	25.02	4.88	89.81	35	33224.	289.45
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS															
IT TOTAL-DSI DSI	H			126.99		876.32	758.10	B	40.587	0.0	20273.40	301.11			
OWHM	L			13.45		157.16	3914.43	D	8.045	0.0	9859.67	111.19	2837	232877.	4531.33
IT TOTAL-NCC NCC	H			1605.56		220.83	170.81	B	12.634	55.25	5.74	66.20			
OWHM	L			14.41		15.87	347.79	D	8.538	28.77	8.28	104.30	35	34831.	314.12

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	ST	TY	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP YR PO EC S S N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - --OR-- UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF AIR QUAL PLANNING AND STNDRDS (OA															
ST SUB-TOTAL OSI		H		6.74		6.73	0.0	B	0.173	0.0	261.07	3.18			
OAQPS-OSI		L		0.09		1.33	7.28	D	0.039	0.0	127.90	1.42	0	595.	58.33
ST SUB-TOTAL NCC		H		1005.52		2372.56	1457.35	B	216.934	609.43	402.22	673.12			
OAQPS-NCC		L		60.64		113.42	2797.62	D	50.067	198.94	84.74	790.68	1961	172209.	2814.52
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O															
ST SUB-TOTAL OSI		H		0.14		2.41	0.0	B	0.043	0.0	39.58	0.50			
OMSAP-OSI		L		0.08		1.14	25.29	D	0.0	0.0	41.63	0.47	0	66.	12.40
ST SUB-TOTAL NCC		H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OMSAP-NCC		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF NOISE ABATEMENT AND CONTROL (ONAC															
ST SUB-TOTAL OSI		H		1.11		44.61	0.0	B	2.954	0.0	379.28	17.48			
ONAC-OSI		L		0.13		17.28	213.36	D	0.155	0.0	494.95	5.52	0	5099.	198.31
ST SUB-TOTAL NCC		H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ONAC-NCC		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM) OFF. OF RADIATION PROGRAMS (ORP)-															
ST SUB-TOTAL OSI		H		0.55		64.71	11.98	B	0.437	0.0	187.68	3.87			
ORP-OSI		L		0.33		34.15	434.05	D	0.100	0.0	679.48	7.52	60	4441.	133.75
ST SUB-TOTAL NCC		H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ORP-NCC		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF AIR AND WASTE MGT. (OAWM)- TOTALS															

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SYS ENT RPT	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYP PROC CODE	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-OSI OSI	H		9.24		130.35	11.98	B	4.139	0.0	1013.12	28.74			
DAM4	L		0.70		55.03	691.92	D	0.297	0.0	1431.97	15.90	60	10263.	434.99
TT TOTAL-NCC NCC	H	1005.52		2372.75		1458.69	B	216.934	609.46	402.22	673.14			
DAM4	L	60.65		113.43		2798.48	D	50.067	195.97	84.74	790.80	1961	172224.	2814.31
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PROM. INTEGRATION/INFO														
SI SUB-TOTAL OSI	H	21.85		98.86		495.00	B	21.922	0.0	6474.36	87.78			
-OSI	L	0.36		14.14		195.39	D	1.295	0.0	1910.36	32.28	209	21809.	1879.85
SI SUB-TOTAL NCC	H	3.67		143.42		115.78	B	24.433	56.17	40.94	64.06			
-NCC	L	1.47		3.91		90.78	D	1.173	5.74	3.30	23.38	268	15053.	210.30
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PESTICIDE PROGRAMS (OPP)														
SI SUB-TOTAL OSI	H	133.33		2570.41		540.72	B	45.954	0.0	10429.93	167.61			
OPP-OSI	L	5.09		126.42		1904.06	D	3.073	0.0	6601.02	73.27	1983	84255.	2359.76
SI SUB-TOTAL NCC	H	0.0		0.0		0.0	B	0.0	0.0	0.0	0.0			
OPP-NCC	L	0.0		0.0		0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF TOXIC SUBSTNCS (OTS)- TOTALS														
TT TOTAL-OSI OSI	H	155.19		2669.27		1035.72	B	67.855	0.0	16904.29	255.39			
OTS	L	5.45		140.56		2099.45	D	4.365	0.0	8511.38	105.55	2192	106064.	4239.61
TT TOTAL-NCC NCC	H	3.07		143.42		115.78	B	24.433	56.17	40.94	64.06			
OTS	L	1.47		3.91		90.78	D	1.173	5.74	3.30	23.38	268	15053.	210.30
OFF. OF RSCH AND DEVEL (ORD)- OFF. OF AIR LAND AN) WATER USE (OAL40)-														
(OAL40) - ENV. SCIENCES RSCH LAB-RTP														

PAGE NO. 06 — 1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SERVICE CLASS	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS. IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS. IN MILLIONS	CONNECT HOURS	TYPE PROCESSING	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ESRL-OSI	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL NCC	H		71.72		355.83	230.45	B	49.395	75.18	40.52	68.31			
ESRL-NCC	L		62.82		38.90	1378.92	D	20.553	92.54	43.69	363.09	78	59472.	844.29
(DALNU)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)														
ST SUB-TOTAL OSI	H		0.83		10.74	0.0	B	0.216	0.0	143.50	2.12			
MERL-OSI	L		0.49		5.09	122.78	D	0.193	0.0	336.60	3.85	4	2169.	66.39
ST SUB-TOTAL NCC	H		0.13		15.73	0.39	B	0.033	0.08	0.01	0.09			
MERL-NCC	L		0.26		2.57	25.54	D	0.171	2.37	3.26	9.94	0	948.	30.33
ADA ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL OSI	H		0.04		1.67	71.41	B	0.062	0.0	51.29	0.72			
ADA-OSI	L		0.01		0.10	2.14	D	0.0	0.0	8.92	0.10	0	2.	14.71
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ADA-OSI	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(DALNU)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL OSI	H		0.38		12.93	104.43	B	0.716	0.0	212.52	4.24			
ATHEN-OSI	L		0.38		7.72	148.67	D	0.132	0.0	259.12	3.14	0	7222.	133.79
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ATHEN-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
DEP. OF AIR LAND AND WATER USE (DALNU)- TOTALS														
TT TOTAL-OSI OSI	H		1.27		26.22	175.84	B	1.018	0.0	419.13	7.23			
DALNU	L		0.94		14.02	276.36	D	0.322	0.0	628.89	7.37	4	9534.	221.32

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S F R V U P C P L I Y E P R E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PO EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC NCC DALNO	H L		71.85 63.08		371.57 41.47	250.84 1104.46	B D	49.433 20.721	75.26 95.51	40.53 46.95	68.40 373.03	78	60420.	875.19
(ORD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-														
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)														
ST SUB-TOTAL OSI EMSL-RTP	H L		0.0 0.0		0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0	0.	0.0
ST SUB-TOTAL NCC EMSL-RTP	H L		120.93 69.74		835.60 46.64	251.92 1339.98	B D	31.502 18.959	107.18 101.69	72.47 31.33	140.31 365.45	359	24853.	877.35
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-														
ST SUB-TOTAL OSI EMSL-CIN	H L		0.29 0.39		6.32 7.87	0.0 199.60	B D	0.078 0.033	0.0 0.0	50.07 202.20	0.63 2.25	0	1373.	36.70
ST SUB-TOTAL NCC EMSL-CIN	H L		0.0 0.0		0.0 0.0	0.0 0.0	B D	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0	0.	0.0
(OEMI)-OFF. OF ENERGY MIN. AND INDST HQ (ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVITI														
(ORD) OFF. OF ENERGY MINERALS AND INDST (TOTALS														
TT TOTAL-OSI OSI OEMI	H L		4.28 6.49		506.86 54.30	14.37 1759.60	B D	7.317 3.737	0.0 0.0	3348.74 3098.76	54.44 33.27	75	15829.	782.53
TT TOTAL-NCC NCC OEMI	H L		120.93 69.74		835.60 48.64	251.92 1339.98	B D	31.502 18.959	107.18 101.69	72.47 31.33	140.31 365.45	359	24853.	877.35
(ORD) OFF. OF HEALTH AND ECOL EFFECTS (OH HEPL-RTP														

ACTIVITY NAME	SE RV IC E TY PE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS. IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS. IN MILLIONS	CONNECT HOURS	PROCESSING: PD EC ES GI	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.33		1.01	0.0	B	0.003	0.0	2.45	0.03			
HERL-RIP	L		0.03		0.48	10.57	D	0.0	0.0	16.82	0.18	0	0.	2.45
ST SUB-TOTAL NCC	H		164.84		1041.74	632.24	B	48.533	168.86	112.47	193.53			
HERL-RIP	L		91.75		95.30	2348.31	D	40.274	143.91	45.91	512.10	2008	168364.	1432.37
(DHEE) - HEALTH EFFECTS RSCH LAB-CIN														
ST SUB-TOTAL OSI	H		0.70		41.94	0.0	B	0.367	0.0	181.23	3.06			
HERL-CIN	L		0.14		2.03	44.97	D	0.027	0.0	145.47	1.62	0	1224.	44.35
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
HERL-CIN	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	2.	0.17
(DHEF) - CORVALLIS														
ST SUB-TOTAL OSI	H		0.0		1.70	73.42	B	0.191	0.0	80.01	1.38			
CORV-OSI	L		0.00		1.14	25.39	D	0.011	0.0	92.10	1.03	1	649.	26.93
ST SUB-TOTAL NCC	H		0.00		0.03	0.01	B	0.0	0.0	0.02	0.0			
CORV-OSI	L		0.00		0.00	0.13	D	0.0	0.01	0.01	0.03	0	229.	0.18
(DHEG) - GROSSE ILE														
ST SUB-TOTAL OSI	H		10.20		564.41	1059.91	B	7.594	0.0	2485.71	52.50			
GI-OSI	L		2.72		27.44	593.93	D	1.163	0.0	3918.97	43.52	0	17369.	994.43
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
GI-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(DHEF) - NARRAGANSETT														
ST SUB-TOTAL OSI	H		0.48		28.91	73.65	B	0.495	0.0	127.30	2.87			
NARRA-OSI	L		0.04		0.55	12.20	D	0.0	0.0	28.11	0.30	0	2587.	41.73

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S E R V I C E	T E R M I N A L	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IPL PROC ECS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAL ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0				
NARA-DSI	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	15.	0.12	
(DNCE) - GULF BREEZE															
ST SUB-TOTAL DSI	H		0.66	39.52	0.0	B	0.087	0.0	29.76	0.61					
DS-DSI	L		0.40	5.99	133.13	D	0.032	0.0	340.08	3.78	0	2723.	63.38		
ST SUB-TOTAL NCC	H		0.02	0.15	0.03	B	0.0	0.03	0.03	0.03					
DS-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	2660.	3.90		
(ORD) - DEP. OF HEALTH AND ECOL EFFECTS (TOTALS															
TT TOTAL-DSI	DSI	H	12.36	677.08	1216.98	B	8.727	0.0	2906.46	60.45					
ONLE	L		3.41	37.63	820.19	D	1.233	0.0	4541.55	50.43	1	24251.	1173.27		
TT TOTAL-NCC	NCC	H	164.06	1041.92	532.28	B	48.580	168.89	112.52	193.56					
ONLE	L		91.75	85.31	2348.44	D	40.274	140.82	45.92	512.13	2008	172717.	1438.89		
DEP. OF HONIT AND TECHNICAL SUPPORT (DMIS ENVIRONMENTAL MONIT SPT LAB-RTP															
ST SUB-TOTAL DSI	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
EMSL-RTP	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
ST SUB-TOTAL NCC	H		76.11	570.21	331.15	B	21.793	86.84	51.03	107.80					
EMSL-RTP	L		15.83	57.53	555.90	D	7.551	41.43	49.22	132.61	378	46170.	515.74		
(DMIS) - ENVIRONMENTAL MONIT SPT LAB-CIN															
ST SUB-TOTAL DSI	H		3.98	84.01	7.22	B	0.390	0.0	346.58	4.51					
EMSL-CIN	L		0.42	6.01	142.90	D	0.159	0.0	306.87	3.58	18	10104.	136.36		
ST SUB-TOTAL NCC	H		0.41	18.52	2.02	B	0.0	0.22	0.06	0.35					
EMSL-CIN	L		3.66	5.75	32.62	D	0.813	3.43	1.75	12.88	4	2198.	29.32		

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	TYPE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN-MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN-MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
(OMTS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB													
ST SUB-TOTAL OSI	H	15.15	668.47	247.40	B	6.942	0.0	1206.02	45.02				
LV-OSI	L	1.49	34.53	532.79	D	0.556	0.0	1644.89	19.44	0	10948.	623.31	
ST SUB-TOTAL NCC	H	0.39	11.29	16.64	B	3.727	5.99	0.0	6.03				
LV-NCC	L	0.00	0.01	0.31	D	0.0	0.0	0.0	0.0	3278	64.	9.36	
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO TOTALS													
TT TOTAL-OSI OSI	H	20.40	826.42	254.62	B	7.553	0.0	1802.47	52.64				
ORIS	L	2.08	43.07	531.86	D	0.755	0.0	2090.80	24.54	18	22414.	809.37	
TT TOTAL-NCC NCC	H	76.91	600.24	320.44	B	25.774	93.55	51.09	114.63				
ORIS	L	22.84	63.35	632.08	D	8.453	45.08	50.97	146.48	3660	48447.	556.34	
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ													
OFF. OF RSCH AND DEVEL (ORD) - TOTALS													
TT TOTAL-OSI OSI	H	41.01	2126.01	1601.81	B	25.061	0.0	9548.15	187.69				
ORD	L	14.48	158.48	4030.79	D	3.629	0.0	11627.62	129.74	98	92671.	3348.31	
TT TOTAL-NCC NCC	H	434.56	2865.97	1425.48	B	155.293	444.88	276.61	516.90				
ORD	L	247.69	239.50	5128.69	D	88.597	384.30	179.76	1402.01	6105	306437.	3756.24	
REGION 1 - BOSTON-													
REGION 1 - BOSTON- TOTALS													
TT TOTAL-OSI OSI	H	3.02	376.23	253.98	B	5.197	0.0	1041.66	17.21				
REGION 1	L	0.46	9.29	150.22	D	3.063	0.0	611.59	6.87	38	11076.	286.33	

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME			MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAL ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC	H		5.78		120.88	57.58	10.172	11.35	3.52	13.10			
REGION 1		L		0.86		3.02	58.68	0.951	3.00	0.53	10.12	34	4363.	13.42
REGION 2 - NEW YORK-														
REGION 2 - NEW YORK- TOTALS														
TT TOTAL-OSI	OSI	H		5.49		352.50	331.77	3.976	0.0	1763.22	31.15			
REGION 2		L		7.18		84.41	1969.37	0.342	0.0	1079.27	12.05	83	8109.	476.36
TT TOTAL-NCC	NCC	H		0.85		58.61	39.42	5.251	13.20	8.92	14.49			
REGION 2		L		0.29		0.59	31.51	0.369	1.05	0.06	3.53	20	551.	38.79
REGION 3 - PHILADELPHIA-														
REGION 3 - PHILADELPHIA- TOTALS														
TT TOTAL-OSI	OSI	H		7.95		3239.63	727.19	7.193	0.0	3224.76	56.90			
REGION-3				2.38		35.69	733.94	0.625	0.0	2524.11	28.37	0	7745.	775.13
TT TOTAL-NCC	NCC	H		10.79		180.56	55.84	6.930	16.07	6.65	19.36			
REGION-3				0.14		0.63	20.90	0.341	1.14	0.0	5.17	0	479.	43.16
REGION 4 - ATLANTA-														
REGION 4 - ATLANTA- TOTALS														
TT TOTAL-OSI	OSI	H		50.39		2954.65	1560.61	12.674	0.0	5569.97	96.36			
REGION-4				3.47		50.76	1250.38	1.437	0.0	3676.93	41.93	0	46132.	1122.28
TT TOTAL-NCC	NCC	H		46.39		120.06	89.26	7.654	24.70	15.07	28.91			
REGION-4		L		41.71		1.80	92.92	11.323	6.06	2.50	26.90	0	4536.	111.53

PAGE NO. 17 — 1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S U P E R V I S O R	M P U T E R	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP PD EC S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXEC'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-															
REGION 5 - CHICAGO- TOTALS															
TT TOTAL-DSI	DSI	N	4.68	416.69	782.49	B	4.254	0.0	2233.44	36.30					
REGION-5		L	4.57	33.65	892.11	D	0.677	0.0	2699.44	30.05	0	18535.	753.31		
TT TOTAL-NCC	NCC	N	91.08	635.07	176.98	B	20.345	50.91	29.76	53.72					
REGION-5		L	15.69	6.31	272.86	D	2.095	13.21	5.71	42.77	0	30198.	187.53		
REGION 6 - DALLAS															
REGION 6 - DALLAS TOTALS															
TT TOTAL-DSI	DSI	N	12.26	502.96	579.94	B	3.993	0.0	2193.47	32.30					
REGION-6		L	2.34	27.00	679.13	D	0.347	0.0	1687.04	18.82	4	8136.	530.36		
TT TOTAL-NCC	NCC	N	5.75	203.93	26.08	B	3.151	7.76	3.70	8.58					
REGION-6		L	0.40	0.02	1.28	D	0.0	0.05	0.03	0.13	0	300.	21.33		
REGION 7 - KANSAS CITY-															
REGION 7 - KANSAS CITY- TOTALS															
TT TOTAL-DSI	DSI	N	5.56	84.79	356.97	B	1.279	0.0	998.27	13.37					
REGION-7		L	1.08	9.12	229.29	D	0.107	0.0	695.23	7.75	0	1983.	218.48		
TT TOTAL-NCC	NCC	N	1.27	29.94	15.89	B	1.911	4.72	2.63	4.67					
REGION-7		L	0.10	0.33	20.51	D	0.097	1.59	0.36	4.68	0	549.	16.48		
REGION 8 - DENVER-															

1985 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	IS IF RV VT IC IT RI	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IP YR PD EC S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER-														
TOTALS														
TT TOTAL-OSI OSI	H	4.49	281.82	292.53	8	4.162	0.0	1218.20	27.21					
REGION-8	L	0.66	9.00	236.93	0	0.075	0.0	606.99	7.13	35	4333.	335.47		
TT TOTAL-NCC NCC	H	7.74	73.54	38.71	8	4.403	12.34	3.71	16.59					
REGION-8	L	3.63	1.43	31.42	0	0.398	1.70	4.60	6.37	0	541.	39.51		
REGION 9 - SAN FRANCISCO-														
REGION 9 - SAN FRANCISCO-														
TOTALS														
TT TOTAL-OSI OSI	H	1.77	354.39	152.63	8	4.813	0.0	1987.69	43.51					
REGION-9	L	2.23	239.30	435.91	0	0.244	0.0	1134.05	12.54	0	6758.	421.71		
TT TOTAL-NCC NCC	H	6.36	160.71	66.48	8	8.563	17.21	230.79	19.21					
REGION-9	L	1.54	11.05	70.49	0	0.333	3.33	16.84	13.15	0	3538.	61.42		
REGION 10 - SEATTLE-														
REGION 10 - SEATTLE-														
TOTALS														
TT TOTAL-OSI OSI	H	11.56	494.17	496.36	8	7.733	0.0	1350.72	21.19					
REGION 10	L	0.43	14.52	237.66	0	0.134	0.0	761.12	8.13	0	8387.	336.30		
TT TOTAL-NCC NCC	H	3.94	10.26	9.18	8	1.423	3.21	1.07	3.83					
REGION 10	L	0.00	0.01	1.08	0	0.055	0.11	0.17	0.40	0	28.	7.44		
STAFF OFFICES														
STAFF OFFICES-														
TOTALS														

1985 WORKLOAD DATA FOR SCENARIO 3

A C I I /N IU IM YR C K	ACTIVITY NAME	S R V I C E	T E R M I N A L T Y P E	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP YR PD EC S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
IT	TOTAL-OSI	OSI	H		0.19		3.08	0.0	B	0.172	0.0	127.42	1.96			
	STAFF OFF		L		6.93		1.63	70.31	O	0.112	0.0	318.05	3.51	12	2818.	65.25
IT	TOTAL-NCC	NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
	STAFF OFF		L		0.0		0.0	0.0	O	0.0	0.0	0.0	0.0	0	0.	0.0

PAGE NO. 01 — 1995 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME		MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS. IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS. IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF PLANNING AND MGT. (OPM)- OFF. OF ADMINISTRATION (OA)													
ST SUB-TOTAL OSI	H	0.56	1068.58	738.12	B	3.175	0.0	3819.79	46.01				
OSI-OA	L	4.14	50.02	325.81	D	0.645	0.0	3557.67	29.27	53	35562.	1313.17	
ST SUB-TOTAL NCC	H	33.73	83.83	33.62	B	4.899	14.88	12.65	16.80				
NCC-OA	L	4.78	7.32	137.52	D	2.258	11.69	8.98	40.86	4	10564.	111.12	
(OPM)- OFF. OF PLANNING AND EVAL. (OPE)													
ST SUB-TOTAL OSI	H	0.45	50.66	1.00	B	0.727	0.0	433.24	6.97				
OSI-OPE	L	0.59	8.12	190.83	D	0.0	0.0	251.40	2.80	0	4404.	105.44	
ST SUB-TOTAL NCC	H	1.57	254.82	36.54	B	2.642	15.85	5.89	17.75				
NCC-OPE	L	0.11	0.33	11.14	D	0.075	0.52	0.15	2.15	0	501.	28.31	
(OPM)- OFF. OF RESOURCE MGT. (ORM)													
ST SUB-TOTAL OSI	H	120.37	1246.07	331.88	B	14.345	0.0	6947.84	122.60				
OSI-ORM	L	2.53	20.47	1259.74	D	0.595	0.0	2068.63	33.22	1021	52946.	1361.22	
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0				
NCC-ORM	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.)	
(OPM)- TOTALS													
TT TOTAL-OSI	OSI	H 129.39	2367.00	1131.00	B	17.951	0.0	11196.86	175.58				
OPM	L	7.27	78.76	2359.67	D	1.240	0.0	5891.54	65.43	1074	92914.	2781.96	
TT TOTAL-NCC	NCC	H 35.30	338.62	70.16	B	7.540	30.73	18.54	34.55				
OPM	L	5.88	7.65	298.66	D	2.333	12.21	9.13	43.01	4	11164.	139.46	
OFF. OF ENFORCEMENT (OE)- OFF. OF GENERAL ENFORCEMENT (OGE)													

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1990 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	S L R V I P C L R	T E S Y P E	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP PROCESSING PO EC E S S I N G	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI		H		30.62		441.87	891.90	B	11.240	0.0	6487.63	94.11			
OSI-OGE		L		13.46		43.39	972.28	D	0.714	0.0	2477.57	27.41	210	43566.	1236.43
ST SUB-TOTAL NCC		H		0.19		65.12	5.81	B	1.953	8.38	5.16	4.81			
NCC-OGE		L		0.09		0.27	17.12	D	0.322	3.21	0.41	0.97	0	720.	13.61
(OE)-- OFF. OF WATER ENFORCEMENT (OWE)															
ST SUB-TOTAL OSI		H		11.26		565.57	0.0	B	4.781	0.0	2647.17	37.10			
OSI-OWE		L		1.22		1.11	136.07	D	0.034	0.0	351.30	3.90	0	31425.	466.56
ST SUB-TOTAL NCC		H		0.0		0.13	0.0	B	0.0	0.0	0.0	0.0			
NCC-OWE		L		0.00		0.01	0.50	D	0.0	0.0	0.0	0.02	0	0.	0.3
(OF)-- OFF. OF NOAL SOURCE AND NOISE ENF. (ONSNE															
ST SUB-TOTAL OSI		H		2.61		7.30	0.0	B	1.053	0.0	659.37	14.35			
OSI-ONSNE		L		2.97		9.56	526.88	D	0.223	0.0	1012.71	11.48	96	12252.	242.39
ST SUB-TOTAL NCC		H		1.16		2.13	6.30	B	0.363	1.62	0.69	1.80			
NCC-ONSNE		L		0.15		0.29	17.60	D	0.165	0.43	0.12	1.38	16	4083.	70.30
OFF. OF ENFORCEMENT- TOTALS															
IT TOTAL-OSI	OSI	H		44.53		1015.36	891.90	B	17.097	0.0	9811.68	145.75			
OE		L		17.06		54.08	1635.49	D	0.977	0.0	3841.99	42.81	306	87266.	1947.22
IT TOTAL-NCC	NCC	H		1.35		67.39	12.11	B	2.313	10.00	5.85	6.61			
OE		L		0.24		0.57	35.22	D	0.188	0.64	0.53	2.37	16	4804.	84.41
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF SOLID WASTE (OSW)															
ST SUB-TOTAL OSI		H		0.80		0.77	0.0	B	12.464	0.0	5033.55	83.05			
OSW-OSI		L		1.77		16.68	431.92	D	2.103	0.0	2339.00	25.90	0	26709.	981.93

1990 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SYS REQ	SYS OPT	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TYPE PROCESSING	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	N	H		0.16		20.31	2.04	B	0.195	0.49	0.0	0.58			
DSW-NCC		L		0.30		0.36	14.53	D	0.097	0.58	0.0	2.63	0	341.	5.35
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PLANNING AND STNDRDS (OWPS)															
ST SUB-TOTAL DSI	N	H		52.63		250.42	857.01	B	23.651	0.0	10934.11	176.92			
OWPS-DSI		L		7.69		106.78	2090.94	D	4.239	0.0	4116.04	47.60	2346	178533.	2462.36
ST SUB-TOTAL NCC	N	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OWPS-NCC		L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	30.	0.38
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER PROGRAM OPERATIONS (OWPO)															
ST SUB-TOTAL DSI	N	H		83.79		432.11	0.0	B	0.932	0.0	6980.14	82.32			
OWPO-DSI		L		5.64		40.37	1641.49	D	1.374	0.0	4472.52	49.87	521	49331.	1430.75
ST SUB-TOTAL NCC	N	H		0.0		17.45	0.0	B	0.0	0.0	0.0	0.0			
OWPO-NCC		L		0.52		5.81	30.82	D	1.357	3.86	4.02	14.57	0	1539.	23.39
OFF. OF WATER AND HZRD MATLS (OWHM)- OFF. OF WATER SUPPLY (OWS)															
ST SUB-TOTAL DSI	N	H		14.73		358.74	115.38	B	7.192	0.0	2169.68	29.64			
OWS-DSI		L		1.40		30.15	557.55	D	2.251	0.0	1119.47	12.22	708	36586.	703.57
ST SUB-TOTAL NCC	N	H		1994.51		235.56	216.13	B	15.497	68.14	7.13	81.65			
OWS-NCC		L		17.05		13.23	384.64	D	9.081	31.38	6.07	111.57	43	41276.	359.60
OFF. OF WATER AND HZRD MATLS (OWHM)- TOTALS															
TT TOTAL-DSI DSI	N	H		151.95		1052.04	972.39	B	50.609	0.0	25116.68	371.33			
OWHM		L		16.49		193.99	4781.89	D	9.973	0.0	12047.02	135.59	3575	291158.	5578.37
TT TOTAL-NCC NCC	N	H		1994.67		273.81	232.17	B	15.692	68.63	7.13	82.23			
OWHM		L		17.87		19.40	430.19	D	10.535	35.52	10.39	128.77	43	43167.	388.92

ACTIVITY NAME	S I P V I C E	T S U P	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	IP PD EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF AIR QUAL PLANNING AND STNDRDS (OA															
SI SUB-TOTAL OSI	H		8.13	8.11	0.0	B	0.208	0.0	314.46	3.83					
OAQPS-OSI	L		0.11	1.60	13.36	D	0.046	0.0	154.06	1.71	0	717.	69.39		
SI SUB-TOTAL NCC	H		1214.60	2845.78	1751.44	B	260.933	731.11	482.69	807.77					
OAQPS-NCC	L		72.36	135.94	3336.66	D	59.989	237.92	101.26	945.35	2337	206644.	3379.52		
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF MOBL SOURCE AIR POLLTN CONTROL (O															
SI SUB-TOTAL OSI	H		0.17	2.82	0.0	B	0.053	0.0	46.40	0.58					
OMSAP-OSI	L		0.09	1.34	29.66	D	0.0	0.0	48.80	0.55	0	78.	14.53		
SI SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
OMSAP-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM)- OFF. OF NOISE ABATEMENT AND CONTROL (ONAC															
SI SUB-TOTAL OSI	H		1.34	53.74	0.0	B	3.553	0.0	456.85	21.05					
ONAC-OSI	L		0.35	20.82	256.98	D	0.193	0.0	596.16	6.65	0	6142.	238.51		
SI SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ONAC-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM) OFF. OF RADIATION PROGRAMS (ORP)-															
SI SUB-TOTAL OSI	H		0.63	73.94	13.69	B	0.531	0.0	214.20	4.41					
ORP-OSI	L		0.36	39.05	497.17	D	0.114	0.0	776.99	8.60	69	5078.	152.89		
SI SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
ORP-NCC	L		0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
OFF. OF AIR AND WASTE MGT. (OAWM)- TOTALS															

1990 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SF RV IT EB RC	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS	TP YR PD EC S S I N G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-DSI	DSI H		11.23		154.80	13.69	B	5.142	0.0	1235.26	35.06			
DAM	L		0.04		64.39	819.07	D	0.353	0.0	1699.03	18.87	69	12101.	521.51
IT TOTAL-NCC	NCC H		1214.01		2846.05	1753.30	B	260.933	731.16	482.69	807.81			
DAM	L		72.37		135.96	3337.86	D	59.989	237.97	101.26	965.51	2337	206664.	3380.33
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PRGM. INTEGRATION/INFO														
ST SUB-TOTAL	DSI H		27.70		123.34	630.00	B	26.821	0.0	7921.56	107.41			
-DSI	L		0.45		16.54	217.95	D	1.591	0.0	2232.72	39.49	255	26684.	2300.30
ST SUB-TOTAL	NCC H		4.39		204.88	165.40	B	34.912	80.24	58.48	91.52			
-NCC	L		2.10		5.59	129.68	D	1.675	8.20	4.72	33.40	383	21504.	300.33
OFF. OF TOXIC SUBSTNCS. (OTS)- OFF. OF PESTICIDE PROGRAMS (OPP)														
ST SUB-TOTAL	DSI H		169.10		3049.68	650.93	B	49.369	0.0	13394.30	204.97			
OPP-DSI	L		6.28		149.58	2360.07	D	3.752	0.0	9065.95	89.56	2441	103652.	2884.89
ST SUB-TOTAL	NCC H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
OPP-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
OFF. OF TOXIC SUBSTNCS (OTS)- TOTALS														
IT TOTAL-DSI	DSI H		196.80		3173.01	1290.93	B	76.173	0.0	21315.86	312.38			
OTS	L		6.73		166.12	2578.02	D	5.343	0.0	10298.66	129.05	2696	130336.	5184.89
IT TOTAL-NCC	NCC H		4.39		204.88	165.40	B	34.912	80.24	58.48	91.52			
OTS	L		2.10		5.59	129.68	D	1.675	8.20	4.72	33.40	383	21504.	300.33
OFF. OF RSCH AND DEVEL (ORD)- OFF. OF AIR LAND AN) WATER USE (OALAU)- (OALAU) - ENV. SCIENCES RSCH LAB-RTP														

1990 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SIR VIP EIY RIC	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/YR/PD/EC/S/S/I/N/G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ESRL-OSI	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3
ST SUB-TOTAL NCC	H		86.18		425.29	238.99	B	53.594	89.16	48.19	81.58			
ESRL-NCC	L		75.35		46.42	1237.01	D	24.533	113.43	52.26	433.28	91	70726.	1005.19
(DALWU)- MUNICIPAL ENV. RSCH LAB-CIN (MERL-CIN)														
ST SUB-TOTAL OSI	H		1.01		12.69	0.0	B	0.262	0.0	173.18	2.56			
MERL-OSI	L		0.58		5.97	144.55	D	0.231	0.0	396.76	4.54	5	2557.	78.53
ST SUB-TOTAL NCC	H		0.15		18.47	0.46	B	0.045	0.09	0.02	0.11			
MERL-NCC	L		0.31		3.01	29.99	D	0.203	3.49	3.83	11.66	0	1113.	36.28
ADA ROBERT S. KERR ENV. RSCH. LAB														
ST SUB-TOTAL OSI	H		0.05		1.96	83.59	B	0.077	0.0	60.04	0.84			
ADA-OSI	L		0.01		0.11	2.50	D	0.0	0.0	10.44	0.12	0	3.	17.22
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ADA-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3
(DALWU)- ENVIRONMENTAL RSCH LAB-ATHENS														
ST SUB-TOTAL OSI	H		0.45		15.42	124.49	B	0.855	0.0	250.53	5.15			
ATHEN-OSI	L		0.44		9.18	175.90	D	0.159	0.0	308.39	3.76	0	8740.	158.53
ST SUB-TOTAL NCC	H		0.0		0.0	0.0	B	0.0	0.0	0.0	0.0			
ATHEN-NCC	L		0.0		0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.3
OFF. OF AIR LAND AND WATER USE (DALWU)- TOTALS														
TT TOTAL-OSI OSI	H		1.53		31.10	238.08	B	1.215	0.0	497.58	8.73			
DALWU	L		1.12		16.57	351.94	D	0.393	0.0	743.96	8.74	5	11464.	261.53

1995 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME		MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TP/TR/PD/EC/SI/NG	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC	H	86.33	443.76	299.45	B	53.639	89.25	48.21	81.69			
	DALNO	L	75.66	49.43	1317.00	D	24.733	113.92	56.09	444.94	91	71839.	1041.46
(ORD) - OFFICE OF ENERGY MINERALS AND INDUSTRY (OEMI)-														
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB-RTP (IERL-RTP)														
ST SUB-TOTAL	DST	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-RTP		L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
ST SUB-TOTAL	NCC	H	158.90	1117.03	334.57	B	42.465	141.50	96.74	185.78			
EMSL-RTP		L	92.73	64.01	1356.24	D	25.224	134.83	40.90	481.67	495	34388.	1158.16
(OEMI)-INDUSTRIAL ENVIRONMENTAL RSCH LAB-														
ST SUB-TOTAL	DST	H	0.35	7.44	0.0	B	0.093	0.0	59.17	0.74			
EMSL-CIN		L	0.48	9.16	236.35	D	0.039	0.0	238.02	2.65	0	1627.	43.24
ST SUB-TOTAL	NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0			
EMSL-CIN		L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0
(OEMI)-OFF. OF ENERGY MIN. AND INDST HQ ((ACTIVITIES EXCLUSIVE OF OEMI LAB ACTIVIT														
(ORD) OFF. OF ENERGY MINERALS AND INDST (TOTALS														
TT TOTAL-DST	DST	H	5.76	697.17	19.45	B	9.424	0.0	4505.94	73.27			
OEMI		L	8.74	71.99	2351.36	D	0.989	0.0	4146.48	44.51	104	21481.	1054.16
TT TOTAL-NCC	NCC	H	158.90	1117.03	334.57	B	42.465	141.50	96.74	185.78			
OEMI		L	92.73	64.01	1356.24	D	25.224	134.83	40.90	481.67	495	34388.	1158.16
(ORD) OFF. OF HEALTH AND ECOL EFFECTS (OH HERL-RTP														

1995 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SYS VM/ID/YM/E/SI	TYP R/C	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYP PU/EC/S/I/G	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - --OR-- UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (JNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL OSI	H		0.42	1.27	0.0	B	0.034	0.0	3.10	0.04					
HERL-RTP	L		0.04	0.60	13.38	D	0.0	0.0	21.30	0.24	0	0.	3.10		
ST SUB-TOTAL NCC	H		214.50	1316.03	769.42	B	61.673	216.97	141.44	248.74					
HERL-RTP	L		110.94	106.86	2933.48	J	49.442	176.56	56.89	641.95	2573	210763.	1813.29		
(DHEE) - HEALTH EFFECTS RSCH LAB-CIN															
ST SUB-TOTAL OSI	H		0.88	53.25	0.0	B	0.465	0.0	230.09	3.88					
HERL-CIN	L		0.17	2.57	57.11	D	0.033	0.0	184.69	2.05	0	1554.	56.30		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
HERL-CIN	L		0.0	0.0	0.0	J	0.0	0.0	0.0	0.0	0	2.	0.23		
(DHEE) - CORVALLIS															
ST SUB-TOTAL OSI	H		0.0	2.85	112.27	B	0.337	0.0	127.65	2.25					
CORV-OSI	L		0.13	1.93	42.84	D	0.017	0.0	148.95	1.66	2	1173.	45.78		
ST SUB-TOTAL NCC	H		0.00	0.06	0.02	B	0.0	0.0	0.03	0.0					
CORV-OSI	L		0.00	0.01	0.22	D	0.0	0.02	0.02	0.05	0	385.	0.30		
(DHEE) - GROSSE ILE															
ST SUB-TOTAL OSI	H		11.88	637.47	1121.92	B	9.357	0.0	3131.88	65.53					
GI-OSI	L		3.49	29.92	678.77	D	1.495	0.0	5020.08	55.74	0	22581.	1248.27		
ST SUB-TOTAL NCC	H		0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
GI-NCC	L		0.0	0.0	0.0	J	0.0	0.0	0.0	0.0	0	0.	0.0		
(DHEE) - NARRAGANSETT															
ST SUB-TOTAL OSI	H		0.61	36.49	31.62	B	0.635	0.0	162.94	3.67					
NARRA-OSI	L		0.05	0.73	15.62	D	0.0	0.0	35.97	0.38	0	3311.	53.40		

1990 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SERVICE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE OF PROCESSING	PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
ST SUB-TOTAL NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
NARRA-DSI	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	24.	0.20		
(DHLE) - GULF BREEZE														
ST SUB-TOTAL DSI	H	0.04	50.58	0.0	B	0.111	0.0	38.09	0.79					
GB-DSI	L	0.51	7.67	170.39	D	0.043	0.0	435.30	4.84	0	3486.	81.12		
ST SUB-TOTAL NCC	H	0.02	0.19	0.04	B	0.0	0.04	0.04	0.04					
GB-NCC	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	3403.	4.99		
(HRD) - OFF. OF HEALTH AND ECOL EFFECTS (														
TOTALS														
TT TOTAL-DSI DSI	H	14.63	781.92	1325.81	B	10.879	0.0	3693.75	76.16					
DHFE	L	4.40	43.40	978.11	D	1.575	0.0	5846.28	64.91	2	32105.	1487.97		
TT TOTAL-NCC NCC	H	214.52	1316.27	759.48	B	61.673	217.01	141.51	248.78					
DHFE	L	110.99	136.86	2933.70	D	49.442	176.58	56.91	642.00	2573	216431.	1821.13		
OFF. OF POLIT AND TECHNICAL SUPPORT (OPTS														
ENVIRONMENTAL POLIT SPT LAB-RTP														
ST SUB-TOTAL DSI	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
TASL-RTP	L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		
ST SUB-TOTAL NCC	H	114.27	855.91	652.53	B	32.694	130.41	76.73	161.91					
TASL-RTP	L	23.73	73.44	848.49	D	11.296	62.14	73.55	215.33	547	68837.	773.30		
(OPTS) - ENVIRONMENTAL POLIT SPT LAB-CIN														
ST SUB-TOTAL DSI	H	5.36	112.04	10.33	B	0.533	0.0	469.80	6.13					
TASL-CIN	L	0.46	8.07	192.71	D	0.214	0.0	413.67	4.82	26	13569.	184.89		
ST SUB-TOTAL NCC	H	0.57	26.03	2.84	B	0.0	0.31	0.09	0.49					
TASL-CIN	L	4.14	8.07	46.12	D	1.143	4.82	2.47	18.10	5	3089.	40.78		

1990 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	IS IT RV UI PI EP LI IV EP RI IE	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IP PR PD EC E S S I N G	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
(OMIS) - LAS VEGAS ENVIRONMENTAL MONITORING SPT LAB														
SI SUB-TOTAL OSI	H	22.81	997.25	372.44		B 10.511	0.0	1796.11	67.75					
LV-OSI	L	2.23	52.04	350.44		D 0.853	0.0	2473.30	29.24	0	16520.	933.39		
SI SUB-TOTAL NCC	H	0.56	17.04	24.92		B 5.667	9.11	0.0	9.17					
LV-NCC	L	0.01	0.02	0.45		D 0.0	0.0	0.0	0.0	5010	91.	13.74		
(ORD) - OFF. OF MONIT AND TECHNICAL SUPPO TOTALS														
TT TOTAL-OSI OSI	H	29.79	1204.79	382.77		B 11.325	0.0	2585.91	77.86					
OMIS	L	3.01	63.34	1215.09		D 1.115	0.0	3065.03	36.01	26	31932.	1181.31		
TT TOTAL-NCC NCC	H	115.41	899.27	[illegible].10		B 38.677	140.48	76.82	172.14					
OMIS	L	33.17	91.61	[illegible].96		D 12.561	67.24	76.02	234.69	5562	72037.	831.27		
(ORD) - OFF. OF RSCH AND DEVEL HQ (ORD-HQ														
OFF. OF RSCH AND DEVEL (ORD) - TOTALS														
TT TOTAL-OSI OSI	H	55.99	2845.26	1936.11		B 34.033	0.0	12967.55	256.02					
ORD	L	19.08	210.08	5486.36		D 4.977	0.0	15788.98	176.29	137	129203.	4551.57		
TT TOTAL-NCC NCC	H	575.17	3830.36	1884.60		B 196.451	588.24	383.28	688.39					
ORD	L	312.09	302.97	6564.58		D 112.225	494.30	236.55	1810.40	8721	394694.	4863.85		
REGION 1 - BOSTON-														
REGION 1 - BOSTON- TOTALS														
TT TOTAL-OSI OSI	H	4.65	517.75	352.21		B 5.637	0.0	1429.05	23.70					
REGION 1	L	0.63	12.66	211.22		D 0.113	0.0	840.86	9.75	52	15136.	389.71		

ACTIVITY NAME			MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.- IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.- IN MILLIONS	CONNECT HOURS		PROCESSING CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING SUP HOURS - UNIVAC ONLY	PROCESSING EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
TT TOTAL-NCC	NCC	H		8.29		132.57	53.91	B	10.528	12.76	3.92	14.70			
REGION 1		L		1.32		3.37	31.21	D	1.086	3.42	0.63	11.53	49	6014.	19.15
REGION 2 - NEW YORK-															
REGION 2 - NEW YORK- TOTALS															
TT TOTAL-OSI	OSI	H		7.26		470.91	387.92	B	9.087	0.0	2309.97	40.38			
REGION 2		L		9.13		104.62	2452.89	D	0.433	0.0	1379.89	15.39	104	10469.	614.42
TT TOTAL-NCC	NCC	H		1.08		74.64	50.21	B	6.688	16.80	11.37	18.46			
REGION 2		L		0.36		0.75	40.13	D	3.473	1.34	0.08	4.51	26	702.	49.45
REGION 3 - PHILADELPHIA-															
REGION 3 - PHILADELPHIA- TOTALS															
TT TOTAL-OSI	OSI	H		10.45		4259.38	956.09	B	9.455	0.0	4242.37	74.83			
REGION-3				3.13		46.90	1043.42	D	0.821	0.0	3317.01	36.89	0	10224.	1019.27
TT TOTAL-NCC	NCC	H		14.17		237.21	73.35	B	9.134	21.12	8.73	25.44			
REGION-3				0.18		0.92	27.46	D	0.443	1.49	0.0	6.80	0	527.	56.71
REGION 4 - ATLANTA-															
REGION 4 - ATLANTA- TOTALS															
TT TOTAL-OSI	OSI	H		62.66		3783.79	1940.44	B	15.753	0.0	6932.21	119.98			
REGION-4				4.32		63.02	1526.61	D	1.795	0.0	4484.38	51.24	0	57457.	1479.19
TT TOTAL-NCC	NCC	H		64.46		165.64	173.02	B	10.493	34.08	20.98	39.94			
REGION-4		L		58.09		2.51	72.95	D	14.985	8.35	3.44	36.87	0	6318.	153.58

PAGE NO. 17 — 1990 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	SIZE	MONTHLY INPUT NUMBER TRANS.	MONTHLY INPUT TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT NUMBER TRANS.	MONTHLY OUTPUT TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	TYPE PROCESSING	CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	SUP HOURS - UNIVAC ONLY	EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE TAPES (REELS)	STORAGE DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 5 - CHICAGO-														
REGION 5 - CHICAGO- TOTALS														
TT TOTAL-DSE	DSE H	6.00	523.18	934.82	B	5.453	0.0	2880.21	46.51					
REGION-5	L	5.93	42.46	1136.31	D	0.857	0.0	3448.64	38.40	0	23660.	962.18		
TT TOTAL-NCC	NCC H	118.09	773.68	275.82	B	26.037	65.23	38.12	68.74					
REGION-5	L	20.34	8.10	349.73	D	2.693	16.98	7.34	54.97	0	39104.	240.41		
REGION 6 - DALLAS														
REGION 6 - DALLAS TOTALS														
TT TOTAL-DSE	DSE H	16.76	686.03	796.56	B	5.654	0.0	3072.26	45.66					
REGION-6	L	3.15	36.35	920.58	D	0.486	0.0	2325.62	25.98	5	10881.	730.60		
TT TOTAL-NCC	NCC H	7.63	270.60	34.61	B	4.194	10.30	4.91	11.39					
REGION-6	L	0.01	0.02	1.70	D	0.0	0.07	0.04	0.18	0	398.	28.57		
REGION 7 - KANSAS CITY-														
REGION 7 - KANSAS CITY- TOTALS														
TT TOTAL-DSE	DSE H	6.64	102.76	433.69	B	1.573	3.0	1243.81	16.57					
REGION-7	L	2.07	10.98	277.33	D	0.123	3.0	843.26	9.43	0	2485.	265.34		
TT TOTAL-NCC	NCC H	1.61	36.43	19.71	B	2.333	5.81	3.26	5.75					
REGION-7	L	0.19	0.40	24.76	D	0.135	1.93	0.44	5.63	0	805.	20.11		
REGION 8 - DENVER-														

1990 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	PROCESSING: CPU HOURS (IBM) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAC ONLY	PROCESSING: EXCP'S (IBM) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (IBM) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
REGION 8 - DENVER- TOTALS												
TT TOTAL-DSE DSE H	6.07	384.29	394.89	B	5.583	0.0	1703.77	36.76				
REGION-8 L	0.90	12.18	280.61	D	0.132	0.0	833.47	9.68	50	5923.	457.29	
TT TOTAL-NCC NCC H	10.63	100.60	53.40	B	6.138	16.76	5.14	23.12				
REGION-8 L	5.11	1.99	43.16	D	0.558	2.39	6.41	8.91	0	865.	55.19	
REGION 9 - SAN FRANCISCO-												
REGION 9 - SAN FRANCISCO- TOTALS												
TT TOTAL-DSE DSE H	2.40	463.11	231.81	B	6.363	0.0	2641.50	54.40				
REGION-9 L	2.03	281.29	576.07	D	0.321	0.0	1486.36	16.44	0	9070.	561.96	
TT TOTAL-NCC NCC H	7.33	197.07	79.99	B	10.422	21.62	255.43	23.71				
REGION-9 L	1.67	11.42	34.94	D	0.423	3.92	18.59	15.42	0	4098.	73.44	
REGION 10 - SEATTLE-												
REGION 10 - SEATTLE- TOTALS												
TT TOTAL-DSE DSE H	14.43	657.49	511.78	B	3.425	0.0	1679.99	26.52				
REGION 10 L	0.56	18.25	330.98	D	0.165	0.0	972.80	10.41	0	10255.	420.35	
TT TOTAL-NCC NCC H	4.81	12.51	11.19	B	1.731	3.91	1.31	4.67				
REGION 10 L	0.01	0.02	1.31	D	0.369	0.14	0.21	0.49	0	35.	9.37	
STAFF OFFICES												
STAFF OFFICES- TOTALS												

PAGE NO. 14 — 1995 WORKLOAD DATA FOR SCENARIO 3

ACTIVITY NAME	ES VU PL SV RK	ET SR PM .	MONTHLY INPUT: NUMBER TRANS.	MONTHLY INPUT: TOTAL CHARS.-IN MILLIONS	MONTHLY OUTPUT: NUMBER TRANS.	MONTHLY OUTPUT: TOTAL CHARS.-IN MILLIONS	CONNECT HOURS	IP PROC SYS INTERACT PD	PROCESSING: CPU HOURS (16M) --OR-- CAU HOURS (UNIVAC)	PROCESSING: SUP HOURS - UNIVAL ONLY	PROCESSING: EXCP'S (16M) --OR-- I/O HOURS (UNIVAC)	PROCESSING: RES. HOURS (16M) --OR-- SRU HOURS (UNIVAC)	STORAGE: TAPES (REELS)	STORAGE: DISK (TRACKS)	ANNUAL BILLING ($K)
IT TOTAL-OSI	OSI	H	0.29	3.41	0.0	B	0.192	0.0	142.10	2.19					
STAFF OFF		L	7.75	1.83	78.94	D	0.125	0.0	355.24	3.92	14	3136.	73.43		
IT TOTAL-NCC	NCC	H	0.0	0.0	0.0	B	0.0	0.0	0.0	0.0					
STAFF OFF		L	0.0	0.0	0.0	D	0.0	0.0	0.0	0.0	0	0.	0.0		

SECTION 5

REFERENCE BIBLIOGRAPHY

A large portion of the Consolidated Systems Study was based on the results of interviews with EPA personnel and data obtained from EPA computing centers. However, numerous published documents were used to supplement this information. The following is a list of the major reference publications utilized in the preparation of this report.

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20. WASTE WATER TREATMENT CONSTRUCTION GRANTS PROJECT - FINAL REPORT for MIDSD. 3/5/76; Arthur Young and Company.

21. WASTE WATER TREATMENT CONSTRUCTION GRANTS PROJECT - USER'S MANUAL for MIDSD. 9/22/76; Arthur Young and Company.

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23. AUTOMATIC DATA PROCESSING MANUAL for EPA. 3/31/75; OPM/EPA.

24. CURRENT AND LONG RANGE ADP PLANS for EPA. 7/76; EPA.

25. ENVIRONMENTAL PROTECTION AGENCY'S AUTOMATIC DATA PROCESSING NEEDS for EPA's Data Systems Branch. 2/13/73; General Electric.

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